

Catalogue

Rethink your acoustic ceilings and walls



Sounds Beautiful



Creating a world that sounds good to everyone

Over the past few decades, a growing focus on occupant wellbeing has started to reshape both modern building design and our understanding of how it can affect all aspects of human experience: how we heal, how we learn, how we work and how we enjoy our leisure time. Many organisations are now using these insights to undertake some much-needed renovation in order to create more people-friendly spaces.

In this context, architects, builders, managers and maintainers have to look more deeply at how the built environment affects how we feel and behave. And that's opened up a very human-centric dialogue, with the key question now being: "How do we ensure we design interiors that allow people to feel relaxed and comfortable, so they can concentrate, create and enjoy life more?"

Rockfon is an important part of this conversation. It's driving our focus on human wellness. And it's the reason why we put people at the heart of everything we do.





The impact of excess noise

The evidence is clear. From shopping malls to hospitals, from factories to schools and offices, noise is a major disturbance to work and concentration. Research shows that around 7 in 10 employees are unhappy with the acoustics in their workplace, and that each distraction leads to reduced concentration for 10-15 minutes.

Noise is not just a primary cause of lower productivity and higher absenteeism at work. In schools where children mishear or misunderstand their teacher, they're at a serious learning disadvantage. Noise can also be life threatening. In loud factories, workers can fail to hear approaching vehicles. In busy hospitals medical instructions can be misheard. And noise is a significant contributor to stress, which can lead to anxiety and depression.

How to optimise acoustics today

Solving the negative impact of noise is the primary focus of our acoustic solutions. But it is not the only thing that's detrimental to workplace wellbeing, so we've been adding innovative features to our products to create healthier, happier workplaces.

One of our focuses is on light. We have a beautiful range of ceiling tiles that reflect natural light throughout a building to help improve performance and visual comfort. We also improve hygiene in factories and hospitals with products that resist bacterial growth and are easy to disinfect and clean. We have a ceiling tile collection in inspiring, uplifting, energising and calming colours. And because our products are made from natural stone wool they resist fire, and act as a natural filter to improve indoor climate.

It's that unique combination of qualities – all contributing to wellbeing – that really sets us apart at Rockfon.

Looking to the future

It's an exciting space to play in and the start of great things to come. As a company we're looking into future innovations – for example using our ceilings to radiate heating and cooling in a broader space. We're also looking at other ways to bring innovative acoustics to design trends – from walls to acoustic furniture – and to increase our range for open plan spaces.

We've been inspired by everyone's contributions – from marketing to manufacturing and from our customers too. Thank you for continuing to support us in building Rockfon as a modern, sustainable business with a truly inspiring purpose – creating a world that sounds good to everyone.

Parik Chopra

Managing Director, Rockfon

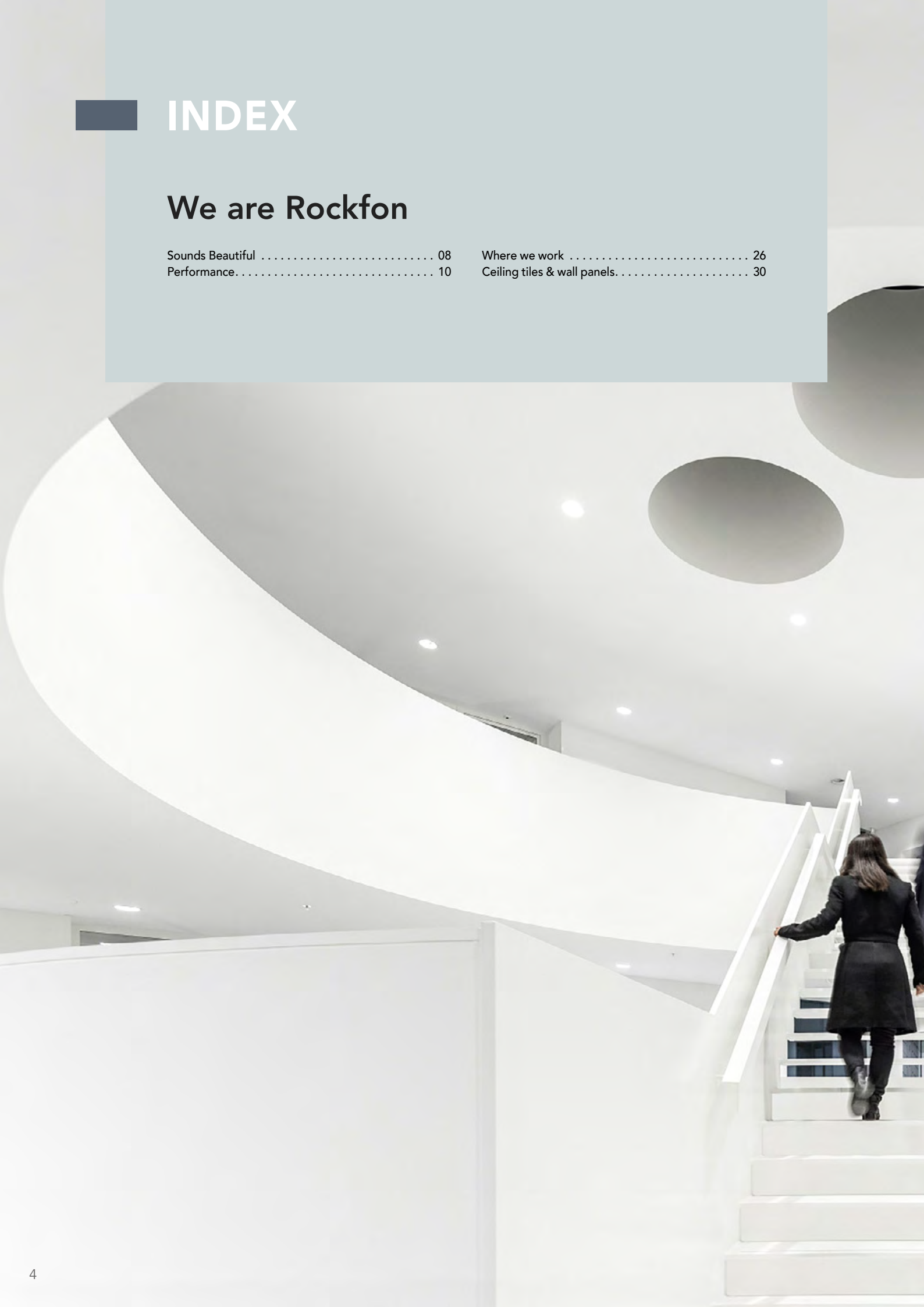
<https://www.leesmanindex.com>

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A full-page background image of a dense forest of tall evergreen trees, likely spruce or fir, shrouded in a thick, white mist or fog. The trees are dark green and their tops are visible above the mist. The overall atmosphere is serene and quiet.

Sounds Beautiful

When we set out to create the best acoustic solutions on Earth we started with people. The student struggling to hear. The business person trying to concentrate. The couple wanting an intimate conversation over dinner out.

It inspired our beautiful range of colours and styles. It expanded our vision to go beyond acoustics and design products that improve visual comfort, reflect daylight, resist moisture and repel bacteria. And it drives our continual innovation to transform human wellbeing.



Quality

Every single Rockfon acoustic solution is built to perform flawlessly and last almost indefinitely. We design them to be as beautiful to the eye as they are to the ear, while being simple to install and maintain.

Trust

The trusted relationships we've built with our partners and customers allow us to thrive. We don't take that trust lightly. It inspires us to be a driving force on your team. To commit to your goals. To exceed your expectations. And create your success.

Sustainability

Sustainability sits at the heart of our research and development. It's why we use natural stone, constantly reduce our carbon footprint and recycle to look after our planet and our people.

Innovation

Our innovation teams lead the field with new designs that don't just absorb noise, they add value with hygienic and light reflecting properties, as well as beautiful uplifting colours that promote wellbeing at work, rest and play.



Sound absorption

Stone wool, the core material used in our acoustic tiles and panels, is by nature a highly sound-absorbent material. This allows you to achieve high levels of acoustic comfort without having to use ceilings tiles with dimples, perforations or holes.

- Most of our products have Class A sound absorption.
- All products are independently tested in certified laboratories using an Alpha w (α_w) measurement in accordance with ISO11654.
- Our solutions for healthcare conform to HTM 08-01 Acoustics for hospitals.
- With a Rockfon Class A sound absorber you can increase the seats in a restaurant by as much as 29% while still maintaining the same acoustic comfort, when compared with a mineral wool Class C sound absorber.



Sound insulation

Our solutions reduce the level of distraction and the harmful effects of noise, while still creating a flexible, private and engaging environment. Ceilings that both absorb and insulate noise can block sound emitting from the room next door or the floor above, thus lowering distractive influences while delivering the privacy necessary for sharing sensitive information.

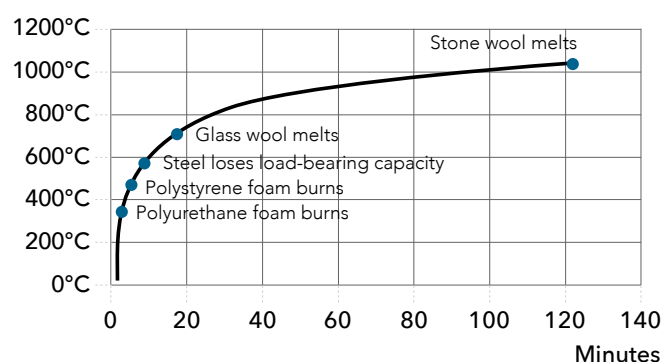
- Rockfon dB products combine the benefits of great sound insulation and superior sound absorption.



Fire performance

The use of non-combustible materials, like stone wool, in buildings can help the fire from spreading and play a vital role in keeping occupants safe.

We have invested heavily in fire testing and related developments. Most of our ceiling tiles and grids are rated the safest possible - A1.



Behaviour of different materials according to the standard time/temperature curve of Fire resistance standard ISO 834.



Fire resistance

This term indicates how well a building construction can hold back fire and prevent it from moving from one space to another for a stated period of time.

It measures three criteria:

- **R:** Load bearing capacity - to provide strength and stability of the building element
- **E:** Integrity - to keep the element intact
- **I:** Insulation - to keep the temperature low on the unexposed side of the material

The inherent fire resilience properties of stone wool and metal grids ensure that our ceilings provide high fire protection abilities.

- A range of Rockfon systems are classified in accordance with European Norm EN 13501 2 and/or national norms, proving their fire resistance performance.



Reaction to fire

- The EU Reaction to Fire evaluation criteria (EN 13501-1) measure a material's ignitability, rate of heat release, spread of flame, rate of smoke emission, flaming droplets/particles and/or a combination of these safety aspects.
- A1 is the highest classification. A1 classified products do not contribute to the development and spread of fire. It is assessed that they generate neither smoke nor flaming droplets. Most of our ceiling tiles and grids are rated A1.



Light reflection

The quality of lighting can affect everything that we do. Beyond aiding vision, light has a direct effect on the areas of our brain that act as a stimulant, keeping us alert and better able to perform cognitively.

Daylight is a great means to reduce our dependency upon electrical lighting and promote well-being. There are several ways that an architect can optimise design and building orientation to capture natural light. As the ceiling is the only surface in a room that is completely visible, its light reflection should be as high as possible to make effective use of the light.

- A ceiling with the right combination of high light reflection and a good spread of light (light diffusion) creates a uniform and accurate spread of light and helps reduce electricity costs.
- Rockfon Blanka tiles have a smooth, deep matt surface with high light reflection and diffusion, reducing the need for artificial light by up to 11% and capitalising on sunlight to save energy.
- According to a recent survey, 60% of respondents identified light as a feature that will remain on the healthy building agenda in the near future.*

*Smart Market Report 2016, Dodge Data and Analytics



Indoor air quality

Although we cannot control the quality of the outside air or ventilation, we can ensure that our products contribute positively to the indoor environment.

- All our products fulfill E1 classification, guaranteeing that they exceed European Union requirements for formaldehyde emission.
- The strict Finnish Indoor Climate label, M1, and the Danish Indoor Climate Label have been attributed to our products, showing that they go way beyond the legal requirements for emissions in indoor environments.
- Most of our products comply with the French VOC A+ standard and the California Department of Public Health (CDPH) emission regulation standard.
- Some of our products are classified ISO Class 5 or higher, meeting cleanroom requirements for particle emissions.
- We do not use photocatalysts, as scientific studies have found they can contribute to secondary emissions that are detrimental to human health. (WHO 1989, Wolkoff et al 1997).





Cleaning

Choosing building materials that can be regularly cleaned and don't contribute to the spread of microorganisms can have a big impact on the indoor environment and the building user.

- Our ceilings can be cleaned with a vacuum cleaner fitted with a soft brush attachment.
- Selected ceilings, like Rockfon Blanka, with a micro-textured surface, can be cleaned using a damp cloth or sponge.
- Rockfon MediCare and CleanSpace ranges of products have durable, highly water-repellent surfaces that can be cleaned with chemical solutions. Specific products can also be pressure cleaned and/or disinfected using steam cleaning, UVC or Ozone treatments
- Our data sheets contain details of the cleaning and disinfection methods applicable for our products



Hygiene

A building material's surface plays an important role in limiting the spread of bacteria and infection, which is why many sectors have such stringent health codes on the types of materials they can use.

- All Rockfon MediCare and CleanSpace products meet low particle emission requirements and have a clean room classification of ISO Class 5 or better (ISO 14644-1).
- The Rockfon MediCare and CleanSpace ranges are designed to offer various levels of hygienic performance to meet the requirements of zones with different levels of infection risks in healthcare facilities. Specific products are classed M1 for microbiological class and/or can be used in areas where differential air pressure is required as indicated in corresponding datasheets
- Our ceiling tiles are made of water-repellent stone wool. Stone wool provides no sustenance to the following microorganisms (tested in accordance with JIS Z 2801:2000, ASTM C 1338-96 and NFS 90-351:2013: *Escherichia coli*, *Staphylococcus aureus*, Methicillinresistent *staphylococcus aureus* (MRSA), *Stachybotrys chartarum*, *Penicillium brevicompactum*, *Alternaria tenuissima*, *Aspergillus Brasiliensis*, *Sporobolomyces roseum*, *Rhodotorula rubra*



Corrosion resistance

Periodic checks

Our acoustic ceiling and wall solutions are also used in humid environments, such as swimming pools, shower rooms, kitchens, etc. The humidity can affect a standard suspension system, the steel can corrode, endangering the stability of the system. We offer specific Chicago Metallic solutions with increased corrosion protection class D.

We would like to point out that ceilings with increased corrosion protection should be included in the list of necessary periodic checks, because increased corrosion protection delays corrosion but does not prevent it. These checks must be carried out under the responsibility of the owner/operator of the building.

Local conditions such as humidity, HVAC systems, ventilation volumes and frequencies, choice of disinfection and cleaning agents, renovations and/or alterations, etc., are not under the control and/or responsibility of the ceiling fitter, supplier or manufacturer.

Chicago Metallic products produced from hot dip galvanised steel following the Sendzimir process comply with the corrosion classes of the product standard EN 13964 (A, B, C, D). The enhanced corrosion resistance (ECR) systems and accessories in class C or D have respectively a layer of 100 g/m² and 275 g/m² zinc evenly applied on both sides and are protected with an additional layer of 20 micron paint per side. They must be mounted with accessories with appropriate corrosion protection.

In addition we also offer the Rockfon Humitec Baffle within our ECR range. On request, other systems in ECR class D are also available.



Humidity and sag resistance

In buildings under construction which are not yet hermetically sealed or where materials have not dried out, moisture problems can occur. Additionally, in wet rooms such as swimming pools, kitchens and sanitary areas, humidity levels can be exceptionally high.

Humidity can weaken the structure of certain ceiling materials and cause them to sag. In extreme cases, they may even fall out of the grid. Equally, corrosion of metal parts can provide a hazard that should be avoided by installing suspended ceilings with enhanced corrosion resistant (ECR) grids.



Impact resistance

Along with sound absorption, the impact resistance of construction materials is an important issue in schools and gyms. Ceilings in these kinds of areas need to be able to withstand tougher-than-average wear and tear, as well as frequent demounting.

- The Rockfon System Olympia^{Plus} A Impact 1A provides best in class impact resistance.
- Rockfon Boxer ceilings feature a reinforced surface giving them superior mechanical resistance.

The impact resistance of suspended ceilings is tested according to EN 13964:2014 annex D and evaluates the total ceiling system (tiles and all grid components). The test procedure indicates the ability of a ceiling to resist the incidental impact of balls under normal conditions in sports halls. It defines three impact resistance classes:

- Class 1A ceilings should be installed in any sports hall where heavy-impact ball sports are played.
- Class 2A ceilings can be installed in sports centres where low-impact ball sports are played and in heavy-duty school areas.
- Class 3A ceilings can be installed in rooms where the ceiling must fulfil basic requirements on impact resistance e.g. classrooms, school corridors.



Thermal insulation

Buildings are responsible for 40% of the EU and US energy consumption and a major contributor to man-made CO2 emissions. Better insulation of buildings can reduce emissions caused by the use of fossil fuels for heating and cooling.

- Stone wool has intrinsic thermal insulation, making it useful in shopping malls constructed above a car park, in flat-roofed buildings or old buildings with cold cellars.
- We provide products specially designed for thermal insulation in combination with acoustic absorption.
- Our ceilings can be calculated as part of the total thermal insulation solution taking into account building physics (e.g. condensation, avoiding thermal bridges, etc).



CE marking

Customers need to be able to trust the declared performance of ceiling manufacturers and that is exactly the purpose of CE marking. The European Committee for Standardisation (CEN) introduced the EN 13964 norm for suspended ceilings which has been mandatory since 1st July 2007.

It aims to make it easier to compare suspended ceilings by defining product characteristics which can or must be declared on product labels and documentation.

All of our relevant ceiling tiles have been CE marked since October 2005, across all our factories in Europe. Plus we have chosen the highest level of attestation and verification conformity AVCP1. Rockfon parameters that are now declared for each of our CE marked products include:

- The mandatory properties, Reaction to Fire and Emission of Formaldehyde, plus
- Sound absorption, flexural tensile strength, durability, thermal insulation;
- Values for light reflection, impact resistance and sound insulation, when relevant.

Our certified Quality Assurance System ensures that declared product performance is always reliable and uniform. Independent certification organisation – Belgian Construction Certification Association (BCCA) – has verified our initial type testing program and continuously retains our product documentation and production facilities under surveillance.

- All declared AVCP1 and 3 values have been tested and verified by independent and accredited/notified laboratories.
- Our continuously audited Factory Production Control will always ensure that customers receive products that live up to the standards of the product performance declared under the CE mark.
- Chicago Metallic™ ceiling grids and substructure components are also CE marked, declaring mandatory values for reaction to fire, durability, and load-bearing capacity.



Guarantee

Our ceiling tiles are dimensionally stable at up to 100% relative humidity and can be installed at temperatures ranging from 0°C to 40°C. No acclimatization period is necessary, and Rockfon ceiling tiles can be installed in the early stages of construction (when the windows are not fully sealed) without any risk of distortion.

Their lightweight, yet stable non-hygroscopic character, minimizes the final weight of the fully-installed ceiling and also reduces the number of hangers needed for their installation. In accordance with EN 13964 our Chicago Metallic™ grid assortment is classified in four classes of grids, - A, B, C, and D- with B being the standard in regular conditions such as an office, retail and schools. For environments with a high relative humidity (>90%) and high risk of condensation, Class D grids should be installed with Enhanced Corrosion Resistance.

All Rockfon products come with a 15-year product guarantee. For more information and conditions, please contact your local representative.





Sustainability

We don't think the next generation of acoustic solutions should be at the expense of the next generation of people. That's why we work continuously to be more sustainable at every stage in the lifecycle of our products. And it's why we use natural stone, recycle as part of the circular economy and commit to reducing our carbon footprint every year.



1. Raw materials

- The volcanic stones used to produce stone wool are a natural raw material and one of the world's most abundant resources.
- Our products have a high recycled content as we do not only recycle our own waste but also upcycle from other industries (for product specific information you can check the Sustainability Declarations on our website).
- More than 90% of our suppliers have signed the ROCKWOOL Code of Conduct which sets our sustainability goals and principles aligned with the UN Sustainability Development Goals.



2. Manufacturing

- All of our factories are certified to the ISO 14001 standard for Environmental Management Systems.
- None of our factories send stone wool waste to landfill.
- In half of our stone wool factories the electricity is matched to renewable sources by the purchase of Renewable Energy Certificates.
- Our grid factory obtains 60% of the energy it consumes from solar panels installed on site.
- Our production process is designed for zero wastewater discharge to the environment and we have a goal to reduce water intensity by 10% until 2022.
- We are committed to reducing the carbon intensity of our production and, in 2016, set a goal to reduce carbon intensity by 20 percent by 2030.



3. Distribution

- Our products have low weight per m² reducing fuel consumption and consequently emissions.
- Our pallets have optimal dimensions that take up the entire volume of the truck without leaving empty spaces.
- We try to ensure that we consolidate orders and fill up the entire truck with our load.
- We have reduced our product packaging increasing stacking space and reducing the negative impacts of additional deliveries.



Certifications

- If you need green building certification, such as LEED®, BREEAM®, DGNB®, WELL, HQE, Verde, Greenstar or similar, we can help. Our products and solutions have documented benefits and you can check the credits you earn in each certification scheme by downloading our sustainability declarations.



- We publish our Environmental Product Declarations (EPDs) to communicate the environmental profile of our products. The EPDs are product specific and third party verified according to the standard EN15804 and so give you full points in the building certification scheme assessments.
- Our products improve the indoor climate through optimised acoustics, high light reflection, air quality standards and enhanced aesthetics, which all contribute to the social sustainability and wellbeing of building occupants.



4. Indoor Use & Air Quality

- Our products have been awarded the best-in-class indoor climate labels like the French VOC A+, Greenguard Gold, Finish M1, Blue Angel, Singapore Green Building Product Certificate, and the Danish Indoor Climate Label
- When installed in the building our products have a long lasting performance and do not degrade over time, keeping their technical characteristics (E.g. fire and acoustic performance) as long as they are installed in the building.



5. End of Life

- Our products can be easily dismantled and removed from the ceiling and be reused or recycled.
- Our stone wool and metal grid products are available for closed-loop recycling.
- We have established recycling systems in many European markets which deliver old stone wool products back to our factories.



Where we work

Our solutions are designed for every imaginable space. Whether you're working on a school or hospital, restaurant or retail space, we have solutions tailored to the specific needs of that type of space.



Office

Our ceilings and wall solutions don't just have high noise reduction values, they're resistant to mould and bacteria and are easy to clean. They also come in a range of colours – from calm and inspiring to energising. And some models even reflect daylight for visual comfort and wellbeing.

Noisy office? We can help

Our acoustic solutions make today's office sound as good as it looks, helping people to create, concentrate and collaborate, and improving productivity and wellbeing at work.

66% decrease of staff performance, because of noisy offices¹⁾

48% increase of employee focus, when working in offices with good acoustics²⁾

1) https://j4kul1vgvnqfzak62jhqi1e4-wpengine.netdna-ssl.com/wp-content/uploads/2020/07/The_Rise_and_Rise_of_Activity-Based_Working_Research_book.pdf
2) Lloyd's Register Consulting - Energy A/S, Sound Insulation and Productivity 2017

Education

When you install our products you make a responsible choice for your students' future, as well as your school. Sourced from natural stone, they're sustainably manufactured and the Rockwool Group recycles 130,000 tonnes of them every year.

Do you like the sound of a happier, healthier school?

Our acoustic solutions reduce noise levels in classrooms, sports halls, swimming pools and canteens so that students can hear, concentrate, learn, relax and play.

77% of students said 'noise', when asked what was most disturbed their learning¹⁾

31% of students say they can only 'pretty much' hear what is being taught in class²⁾

¹⁾ www.leapcraft.dk/blog/2018/06/15/great-indoor-climate-international-school.html

²⁾ https://dmskoleudvikling.dk/sites/default/files/indeklima-og-fagl-udbytte-rapport-plus-appendiks_dcum.pdf





Healthcare

Our acoustic solutions have specific properties that improve both healthcare and wellbeing. Our ceilings and wall tiles don't just have high noise reduction values, some even reflect daylight to save energy and create a pleasant, healthy environment.

The sound of good health

Our acoustic solutions do more than reduce noise, they also create calmer, hygienic spaces where patients can rest and heal and medical staff can hear and concentrate.

Noise can increase

a patient's heart rate, blood pressure and breathing¹⁾

100dB

and even higher noise levels have been measured in intensive care units²⁾

¹⁾ Specialist services Health Technical Memorandum 08-01: Acoustics, UK Department of Health 2013

²⁾ <https://www.sciencedaily.com/releases/2018/11/181119064139.htm>

Industry

Every workplace should be a safe place. But high levels of noise bring unnecessary risk to workers by preventing them from hearing instructions, warnings, even approaching vehicles. On top of that, long-term exposure to occupational noise is as a key contributor to stress and hearing loss, making it a serious issue for health and wellbeing.

It's time to make noise about worker safety

Create safe, healthy and productive factories and industrial buildings with our acoustic solutions. They don't just reduce noise, they also improve hygiene, safety and air quality.

84million

workers are exposed each year to noise at work that can harm their hearing¹⁾

7%

of workers in Europe believe their work affects their hearing²⁾

¹⁾ Source: The consequences of poor acoustics 2017

²⁾ <https://osha.europa.eu/en/publications/reports/6905723/view>





Retail

If you want people to spend more in malls and stores, they need to sound as good as they look. Recent research shows that shoppers stay longer with in shops with relaxing soundscapes. And that's important because every 1% increase in time equates to a 1.3% increase in sales. As a result, stores that optimise their acoustic design can increase their revenue by up to 10%.

Sounds good for business

Our acoustic solutions create pleasant, welcoming soundscapes in malls and retail venues so that customers are relaxed and inclined to stay longer and spend more.

28% decrease of retail sales, when stores have poor soundscapes¹⁾

10% increase of retail sales, when acoustics are optimised²⁾

¹⁾ Sound Business, Julian Treasure, Management Books 2000 Ltd.

²⁾ <https://link.springer.com/article/10.1007/s11747-018-0583-8>

Leisure

If you want people to enjoy themselves and spend more time and money, your leisure facilities need to sound as good as they look. That's because research shows 76% of people would dine out more often if restaurants were quieter. 74% of hotel guests say it's essential for sleep.

Sounds like a great place to have fun

Our acoustic solutions create beautiful soundscapes in hotels, restaurants, sports facilities, galleries and museums, so your customers enjoy themselves, stay longer and spend more.

74% of travellers say a quiet guestroom is the key to a good night's sleep¹⁾

72% of people have left a restaurant early because of the noise²⁾

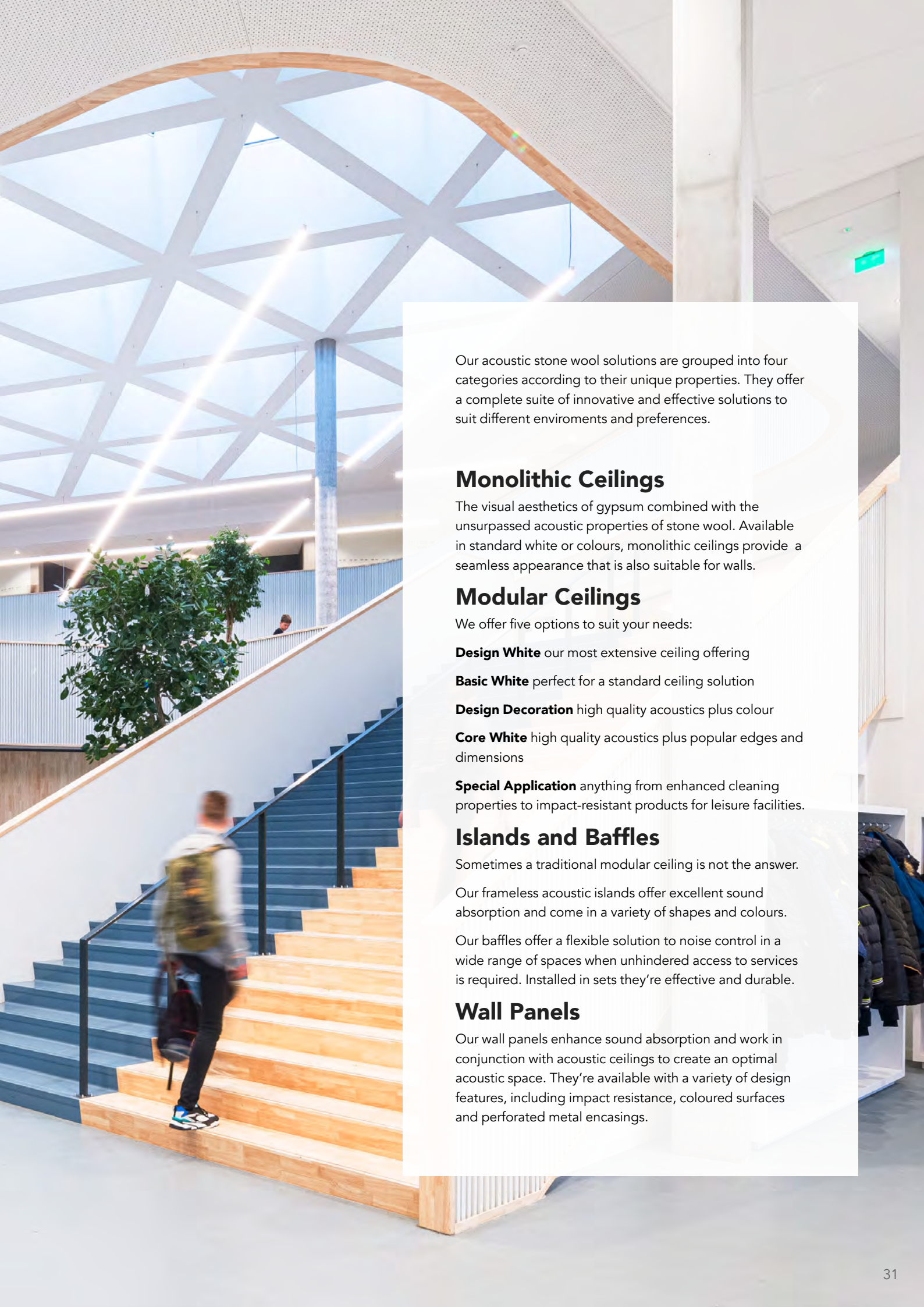
¹⁾ <https://eu.usatoday.com/story/travel/roadwarriorvoices/2017/10/02/hotels-try-shut-out-noise-guestrooms/714923001/>

²⁾ https://j4kul1vgvngfzak62jhqi1e4-wpengine.netdna-ssl.com/wp-content/uploads/2020/07/The_Rise_and_Rise_of_Activity-Based_Working_Research_book.pdf





Ceiling tiles & wall panels



Our acoustic stone wool solutions are grouped into four categories according to their unique properties. They offer a complete suite of innovative and effective solutions to suit different environments and preferences.

Monolithic Ceilings

The visual aesthetics of gypsum combined with the unsurpassed acoustic properties of stone wool. Available in standard white or colours, monolithic ceilings provide a seamless appearance that is also suitable for walls.

Modular Ceilings

We offer five options to suit your needs:

Design White our most extensive ceiling offering

Basic White perfect for a standard ceiling solution

Design Decoration high quality acoustics plus colour

Core White high quality acoustics plus popular edges and dimensions

Special Application anything from enhanced cleaning properties to impact-resistant products for leisure facilities.

Islands and Baffles

Sometimes a traditional modular ceiling is not the answer.

Our frameless acoustic islands offer excellent sound absorption and come in a variety of shapes and colours.

Our baffles offer a flexible solution to noise control in a wide range of spaces when unhindered access to services is required. Installed in sets they're effective and durable.

Wall Panels

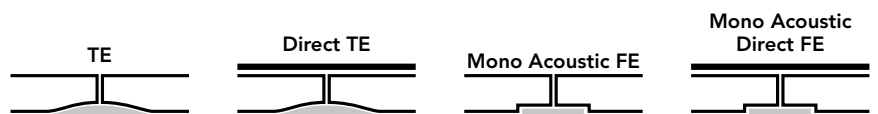
Our wall panels enhance sound absorption and work in conjunction with acoustic ceilings to create an optimal acoustic space. They're available with a variety of design features, including impact resistance, coloured surfaces and perforated metal encasings.



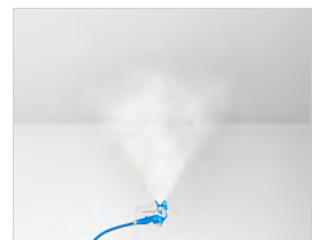
MONOLITHIC CEILINGS



Our seamless and expressive surface brings great acoustic comfort and a crisp, clean monolithic aesthetic to any space – new build or renovation, big project or small.



Rockfon Mono Acoustic is installed either using grid or directly fixed to the existing soffit, ceilings and walls. The joints between the tiles are concealed with filler. Then a finishing render (white or colour-matched) is applied to create a monolithic, seamless surface. The Rockfon Mono Acoustic system can only be installed by specially trained and authorized installers – please check availability of the product for your market. Contact customer service for details.



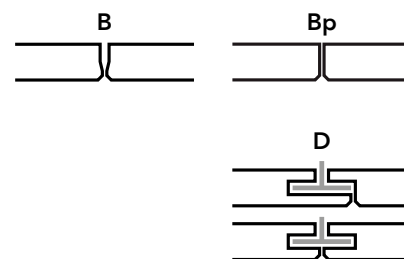
MODULAR CEILINGS



Create the ceiling expression you want by combining a wide range of edges, module sizes and visual aesthetics. Our modular ceiling's extensive variety of edges brings a wealth of design opportunities to any room with our concealed grid, semi-concealed grid or a visible grid ceilings.

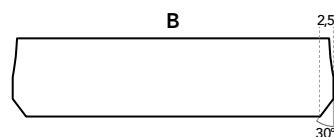
CONCEALED GRID CEILINGS

These minimalistic edges conceal the suspension grid or when mounted directly to the soffit provide a near-seamless appearance. When used as a suspended ceiling, it allows for easy integration of service installations such as lighting, ventilation, smoke detectors and sprinklers.



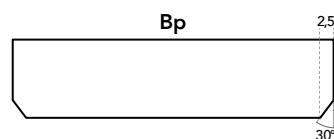
B-edge

B-edge tiles are glued directly to the structural soffit or existing ceiling surface. The edge is constructed for optimal junctions of the panels next to each other but the tile also has 4-sided painted edges for an elegant look when glued with gaps in between or as an island where outer edges are visible. B-edge tiles are not demountable.



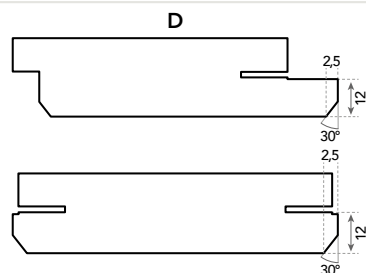
Bp-edge

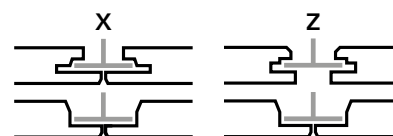
The Bp-edge tiles are mounted directly to the structural soffit or existing surface with either screws or hooks. The edge is straight with a slight bevel for a nice ceiling appearance.



D-edge

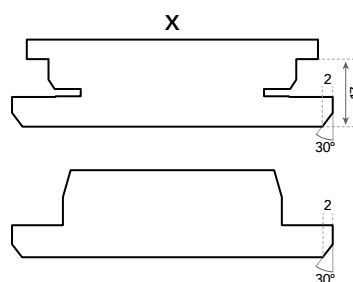
Use D-edge to create a concealed grid ceiling while retaining access to the ceiling void. Its design allows for easy installation and demounting.





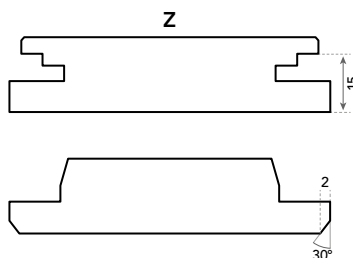
X-edge

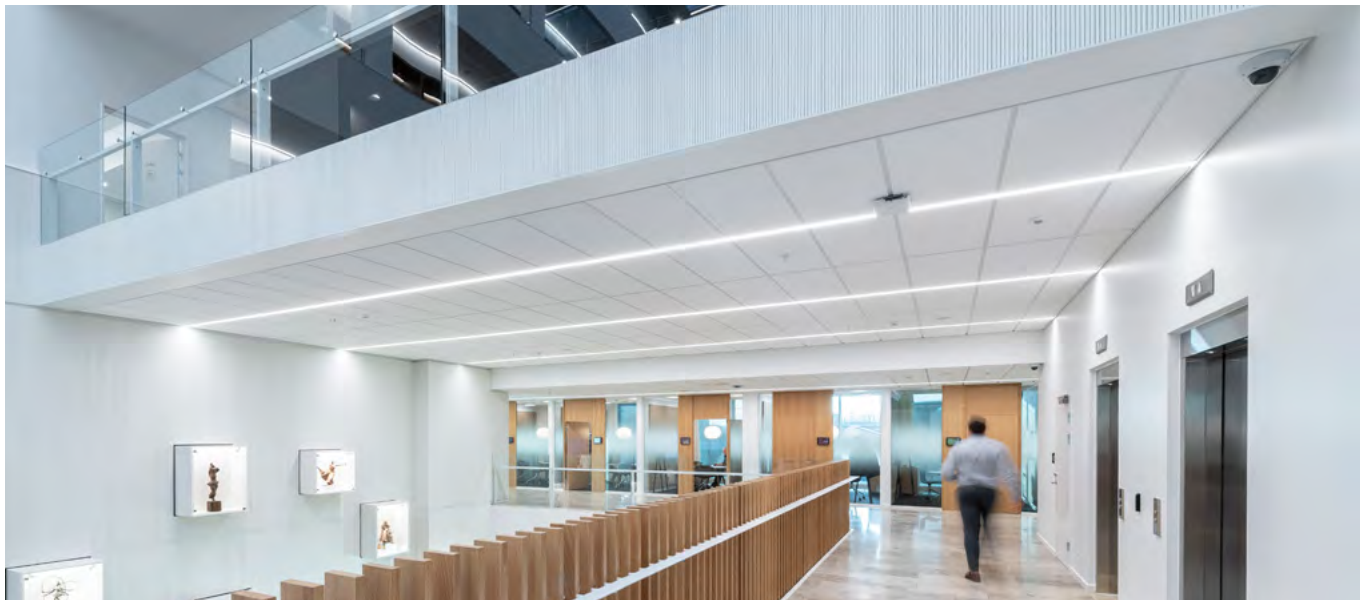
X-edge tiles can be suspended on a grid or can be mounted directly on the soffit by using direct fixing brackets. The bevel between the tiles is smaller than the D-edge, so you can achieve a more seamless looking appearance. X-edge tiles accommodate the elegant integration of standard HVAC and lighting elements. Each X-edge tile is demountable.



Z-edge

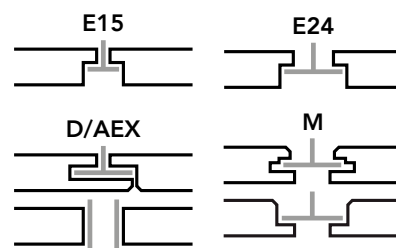
Z-edge tiles can be suspended on the grid, even in a room with a low ceiling height, or can be mounted directly on the soffit by using direct fixing brackets. The Z-edge helps create a sense of depth with its long, sharp lines in one direction, with a width of 8mm, and an almost monolithic finish in the other direction.





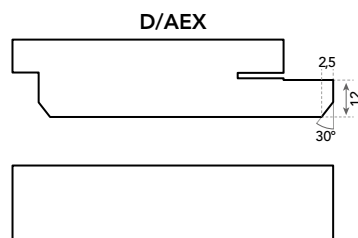
SEMI-CONCEALED GRID CEILINGS

Semi-concealed grid ceilings uses the tile edges, light, shadow and colour of the grid to create distinctive appearances, contributing to the overall architectural expression of your room.



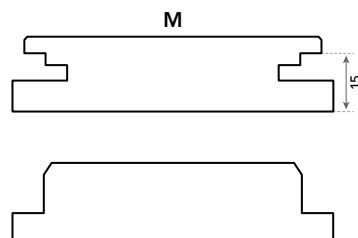
D/AEX-edge

The D/AEX-edge is a combination of an A-edge and D-edge tile that can be mounted in either a brandraster or T24 grid, giving a semi-concealed finish.



M-edge

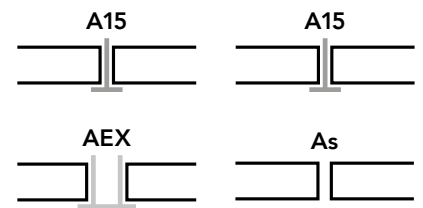
M-edge can be suspended on a grid or can be mounted directly on the soffit by using direct fixing brackets. The combination with a deeply recessed suspension grid provides a shadow effect in the finished ceiling with a width of 8mm. To highlight this effect, you can use a black grid. M-edge tiles are demountable.





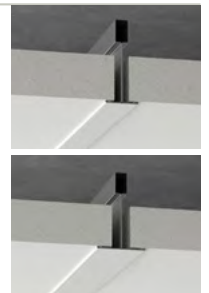
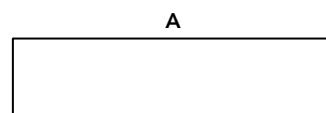
VISIBLE GRID CEILINGS

A visible grid system provides the room with a simple and structured expression that highlights the shape of the room. Visible grid ceilings have an A-edge.



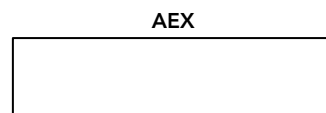
A-edge

A-edge tiles are a cost-effective solution that provides easy access to the installations hidden behind the ceiling. Tiles with an A-edge are also the perfect complement to concealed and semi-concealed ceilings (e.g. when used as a perimeter trim). They can be mounted in grid systems with either T15 or T24 profiles. The grid system is less dominant with the narrower T15 profile. A-edge tiles are demountable.



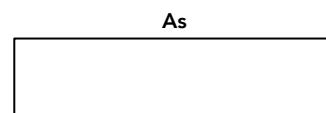
AEX-edge

AEX-edge is used in combination with other edges, for example a D-edge, which when used with a bandrastrer grid accommodates movable walls.



As-edge

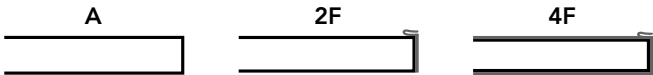
The As-edge is sanded and sealed with impregnation paint, giving a crisp and smooth edge finish. The As-edge is perfect for gluing applications where the edge of the tile is visible to the eye.



ISLANDS AND BAFFLES

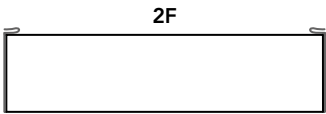


Islands and baffles provide an alternative acoustic solution for rooms where suspended ceilings are not suitable. They can be used as part of a retrofit or to create a design feature. They are suited to thermal mass applications where the soffit needs to remain exposed.



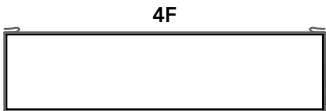
2F-edge

Rockfon 2F-edge is visually dynamic, with steel capping running down the vertical sides of the baffle, leaving an exposed straight, smooth edge at the bottom and top.



4F-edge

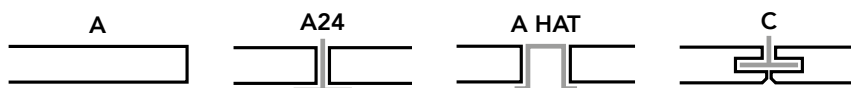
Rockfon 4F-edge is visually dynamic, with steel capping covering all sides of the baffle, providing protection to all edges.



WALL PANELS

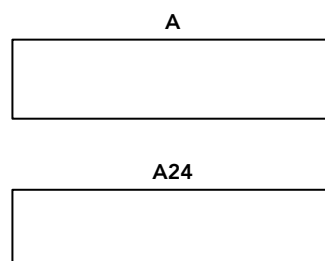


Rockfon wall panels can complement the ceiling's acoustic properties with a design solution tailored to the room's architecture. Wall panels can also be used as an alternative where it is not possible to use the ceiling as acoustic damping.



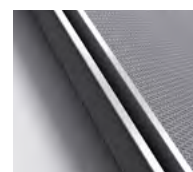
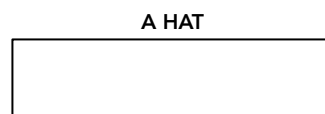
A- & A24-edge

A-edge panels are a cost-effective solution that provides additional sound absorption in any room. A-edge panels have a visible grid and are used with T24 profiles.



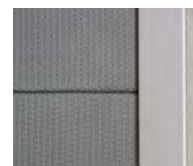
A HAT-edge

The A HAT-edge is a straight, discreet edge with an exposed profile, bringing impact resistance and extra sound attenuation to exposed areas.



C-edge

C-edge panels create a simplistic, concealed finish providing extra sound absorption to any space. The C-edge can be demounted with a special tool.



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The Performance of Rockfon Stone Wool Products

Below is an explanation of ALL the performance icons and certification for our complete range of Rockfon stone wool products. For individual, product specific performance, please refer to the information in the previous pages of this datasheet.



Sound Absorption

Sound absorption is measured in accordance with ISO 354. Sound absorption data α_p , α_w and absorption class are calculated in accordance with ISO 11654. Sound absorption properties of islands and baffles are quantified by the equivalent sound absorption area A_{eq} expressed as m^2 per item.



Room To Room Sound Insulation

Room-to-room sound insulation $D_{n,r,w}$ (C;C_{tr}) is measured in accordance with ISO 10848-2.



Direct Sound Insulation

Sound reduction index R_w (C;C_{tr}) is measured in accordance with ISO 140-3.



Reaction To Fire

Reaction to fire is classified in accordance with EN 13501-1.



Fire Resistance

The stone wool core of Rockfon products is non-combustible with a melting point of more than 1000°C and provides fire protection. Some Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms.



Light Reflection

Light reflection expressed in % is measured in accordance with ISO 7724-2.



Humidity And Sag Resistance

Our ceiling tiles are dimensionally stable and show no visible signs of deflection, even at humidity levels of up to 100% relative humidity. They can be installed at temperatures ranging from 0°C to 40°C and at the very early stages of construction (when windows are not yet fully sealed). Our acoustic solutions are lightweight, yet stable, and the non-hygroscopic product properties minimise the final weight of a fully-installed ceiling.

In accordance with EN13964:2014, our ceiling tiles are, at a minimum, classified C/0N. This ensures that they are able to carry 2.5 times their own weight in a high humidity/high temperature environment (RH ≥95%, 30°C).



Surface Durability

The surface of some of our products is specially treated to provide enhanced durability and dirt resistance.



Cleaning

Vacuum:

The surface can be vacuum cleaned with a soft brush attachment.

Damp cloth:

The surface can be cleaned using a damp cloth or sponge with a slightly alkaline detergent (pH between 7 and 9) without alcohol, ammonia or chlorine. This may render the surface slightly shinier, so we recommend cleaning the entire surface evenly.



Hygiene

Stone wool provides no sustenance to the following microorganisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Escherichia coli
- Staphylococcus aureus
- Methicillinresistent staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Alternaria tenuissima
- Aspergillus Brasiliensis
- Sporobolomyces roseum
- Rhodotorula rubra



Clean Room

Clean room classification is measured in accordance with ISO 14644-1.



Thermal Insulation

The thermal conductivity of products with a thickness ≥ 30 mm is measured in accordance with EN 12667 and expressed in mW/mK. Thermal resistance is expressed in m²K/W.

Rockfon Mono® Acoustic









- Perfect for ceilings and walls, the innovative monolithic surface delivers outstanding acoustic comfort and fire protection
- Flat or curved. Direct or suspended installation. The perfect design solution for new-build or renovation projects alike
- The refined white surface provides high light reflection and light diffusion, ensuring even light distribution and reducing the need for artificial light
- Available in custom colours or 33 colours from the Rockfon Colours of Wellbeing range
- A completely seamless system that allows for easy integration of all services and the possibility for surface maintenance

Product Description

- Monolithic system comprising of a stone wool panel, filler and render
- Visible side: acoustic render
- Rear side: high performance membrane (Rockfon Mono Acoustic Direct and Rockfon Mono Acoustic Flecto are supplied with a mineral fleece)

Application Areas

- Office
- Education
- Leisure
- Retail
- Residential

Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
	1200 x 1200 x 40	6.0	Rockfon® System Mono Acoustic	44%		5.38	6.97
	1800 x 1200 x 40		Rockfon® System Mono Acoustic	44%			
	1200 x 1200 x 25	4.0	Rockfon® System Mono Acoustic	44%		2.93	3.9
	1200 x 1200 x 40	6.0	Rockfon® System Mono Acoustic	44%		5.38	6.97
	1800 x 1200 x 40		Rockfon® System Mono Acoustic	44%			
	1200 x 1200 x 25	4.0	Rockfon® System Mono Acoustic	44%		2.93	3.9
	1200 x 1200 x 40	6.0	Rockfon® System Mono Acoustic				
	1800 x 1200 x 40		Rockfon® System Mono Acoustic	44%		5.38	6.97

For this product, module size = exact dimension. Panel weight is stated exclusive of filler and render.

Do not install Rockfon Mono Acoustic where a pressure difference can be created between the front and backside of a Rockfon Mono Acoustic ceiling. Rockfon Mono Acoustic Direct and Rockfon Mono Acoustic Flecto can only be installed directly onto an airtight surface.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



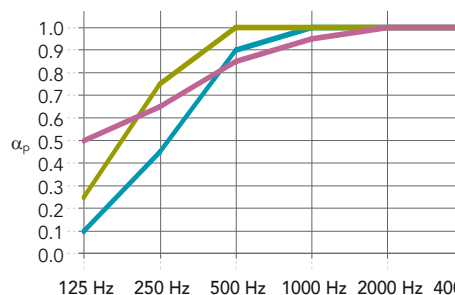
Sound absorption

α_w : up to 1.00 (Class A)

* Rockfon Mono Acoustic panels

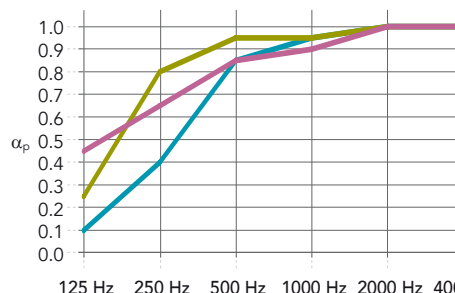
** Rockfon Mono Acoustic Direct panels

Sound absorption values are valid for flat surfaces. When conducting an acoustic study, please take into account the services integrated into the ceiling as well as the project layout.



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Elegant Render (White) 25 / 25 **	0.10	0.45	0.90	1.00	1.00	1.00	0.75	C	0.85
Elegant Render (White) 40 / 40 **	0.25	0.75	1.00	1.00	1.00	1.00	1.00	A	0.95
Elegant Render (White) 40 / 200 *	0.50	0.65	0.85	0.95	1.00	1.00	0.90	A	0.90



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Elegant Render (Colour) 25 / 25 **	0.10	0.40	0.85	0.95	1.00	1.00	0.70	C	0.80
Elegant Render (Colour) 40 / 40 **	0.25	0.80	0.95	0.95	1.00	1.00	1.00	A	0.95
Elegant Render (Colour) 40 / 200 *	0.45	0.65	0.85	0.90	1.00	1.00	0.90	A	0.80



Reaction to fire

A2-s1,d0
B-s1,d0 (Colour)



Fire resistance

Rockfon Mono Acoustic achieves up to 60 min. in accordance with European test standards and national approvals. Please contact Rockfon for fire resistance documentation.



Light reflection and light diffusion

87% light reflection (White)
>99% light diffusion (White)
Colour-dependent (Colour)



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity. Rockfon Mono Acoustic can be used in swimming pools provided it is not exposed to condensation, splashing water or water droplets. The suspension system components must be corrosion resistant and the room and plenum well ventilated. For more information, please contact Rockfon Technical service.



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Visual appearance

L value: 94.5 (White)

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Mono® Acoustic

<div>Mustard - 51</div> <div>NCS S 2050-Y10R</div>	<div>Sand - 30</div> <div>NCS S 2020-Y20R</div>	<div>Stucco - 20</div> <div>NCS S 1505-Y30R</div>			
<div>Scarlet - 71</div> <div>NCS S 6030-Y80R</div>	<div>Coral - 76</div> <div>NCS S 3040-Y90R</div>	<div>Seashell - 75</div> <div>NCS S 1510-Y60R</div>	<div>Petal - 74</div> <div>NCS S 1005-Y60R</div>		
<div>Seaweed - 34</div> <div>NCS S 8005-G20Y</div>	<div>Eucalyptus - 32</div> <div>NCS S 6020-B90G</div>	<div>Sage - 31</div> <div>NCS S 3010-G10Y</div>	<div>Mint - 12</div> <div>NCS S 1005-G10Y</div>		
<div>Space - 49</div> <div>NCS S 7020-B</div>	<div>Storm - 48</div> <div>NCS S 6020-R90B</div>	<div>Azure - 47</div> <div>NCS S 3020-B</div>	<div>Fresh - 42</div> <div>NCS S 2010-B10G</div>		
<div>Earth - 25</div> <div>NCS S 5010-Y50R</div>	<div>Clay - 26</div> <div>NCS S 5005-G80Y</div>	<div>Linen - 22</div> <div>NCS S 4005-Y50R</div>	<div>Sandalwood - 13</div> <div>NCS S 2010-Y60R</div>	<div>Chalk - 21</div> <div>NCS S 2005-Y40R</div>	
<div>Ebony - 28</div> <div>NCS S 8505-Y80R</div>	<div>Cork - 24</div> <div>NCS S 4010-Y30R</div>	<div>Hemp - 23</div> <div>NCS S 3005-Y20R</div>			
<div>Iron - 18</div> <div>NCS S 7502-B</div>	<div>Concrete - 06</div> <div>NCS S 6000-N</div>	<div>Mastic - 17</div> <div>NCS S 4000-N</div>	<div>Zinc - 05</div> <div>NCS S 4005-R50B</div>		
<div>Charcoal - 09</div> <div>NCS S 8500-N</div>	<div>Anthracite - 08</div> <div>NCS S 7010-R90B</div>	<div>Gravel - 03</div> <div>NCS S 3502-B</div>	<div>Plaster - 02</div> <div>NCS S 2005-R80B</div>	<div>Stone - 01</div> <div>NCS S 2000-N</div>	<div>Moon - 10</div> <div>NCS S 1005-R80B</div>

NCS codes are the closest colour match. Due to the nature of the spray application and texture of Mono Acoustic Elegant Render, the surface appearance might - in particular light conditions - deviate from printed colours. Samples of the colour rendered surfaces are available upon request.
Contact us for more information.



WEST

Rockfon Blanka®







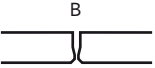

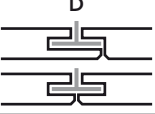



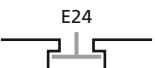

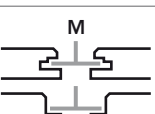

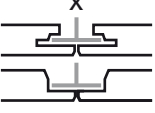

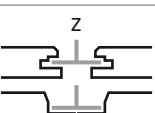

- Rockfon Blanka has a deep-matt, smooth, super-white surface with high light reflection and light diffusion, contributing to energy savings and a bright and comfortable indoor environment
- Rockfon Blanka's smooth, non-directional surface reduces installation time and the anti-static surface withstands exposure to worksite dust
- The enhanced surface durability makes Rockfon Blanka more resistant to dirt and everyday wear and tear, enhancing the product lifetime

Product Description

- Stone wool tile
- Visible side: deep-matt, smooth and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Retail
- Leisure
- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
	600 x 600 x 20	2.3	Rockfon® System T15 A	40%		2.24	2.82
	1200 x 600 x 20		Rockfon® System T15 A				
	600 x 600 x 20	2.3	Rockfon® System XL T24 A	40%		2.24	2.82
	1200 x 600 x 20		Rockfon® System Maxispan T24 A, E				
	1800 x 600 x 20		Rockfon® System T24 A, E ECR				
	2400 x 600 x 25	2.7	Rockfon® System XL T24 A			2.86	3.6
	1200 x 1200 x 25		Rockfon® System T24 A				
	600 x 600 x 20	3.4	Rockfon® System B Adhesive	40%		2.34	3.38
	1200 x 600 x 20						
	600 x 600 x 20	3.4	Rockfon® System XL T24 D	40%		2.34	3.38
	1200 x 600 x 20		Rockfon® System T24 Stepped Z D				
	600 x 600 x 20	2.8	Rockfon® System XL T24 D	40%		3.07	3.86
	1200 x 600 x 20		Rockfon® System Ultraline E				
	1800 x 300 x 20		Rockfon® System T15 E				
	1800 x 600 x 20		Rockfon® System T15 E				
	1800 x 600 x 20		Rockfon® System Ultraline E				
	600 x 600 x 20	2.8	Rockfon® System T24 E	40%		3.07	3.86
	1200 x 600 x 20		Rockfon® System XL T24 E				
	1800 x 300 x 20		Rockfon® System T24 E				
	1800 x 600 x 20		Rockfon® System T24 E				
	1800 x 600 x 20						
	600 x 600 x 20	3.4	Rockfon® System T24 M	40%		2.34	3.38
	1200 x 600 x 20		Rockfon® System T24 M				
	1800 x 600 x 20						
	600 x 600 x 22	3.7	Rockfon® System T24 X	40%		2.83	4
	1200 x 600 x 22		Rockfon® System T24 X DLC				
	1800 x 600 x 22		Rockfon® System T24 X				
	2100 x 600 x 25		Rockfon® System T24 X DLC				
	2100 x 600 x 25	4.1				3.1	4.41
	600 x 600 x 20	3.4	Rockfon® System T24 Z	40%		2.34	3.38
	1200 x 600 x 20		Rockfon® System T24 Z				
	1800 x 600 x 20		Rockfon® System T24 Z				

Other dimensions are available on request. Please contact Rockfon.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



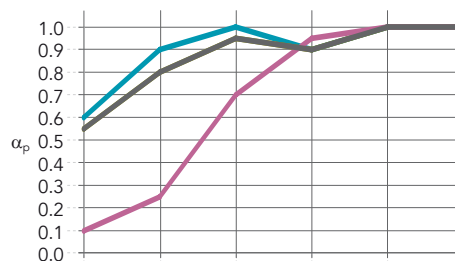
Sound absorption

α_w : up to 1.00 (Class A)



Room to room sound insulation

$D_{n,f,w} = 26$ dB
The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
*) Values obtained on the basis of theoretical analysis.



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.60	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
Other edges: 20-22 / 200	0.55	0.80	0.95	0.90	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.10	0.25	0.70	0.95	1.00	1.00	0.55	D	0.70
Other edges: 20-25 / 200	0.55	0.80	0.95	0.90	1.00	1.00	0.95	A	0.95



Reaction to fire

A1



Light reflection and light diffusion

87% light reflection
>99% light diffusion



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Impact Resistance

Class 3A

Impact resistance of Rockfon Blanka with edge Z or M has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



Visual appearance

Super-white surface
L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Blanka® Activity





- Rockfon Blanka Activity is designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high
- The smooth, non-directional surface of Rockfon Blanka Activity reduces installation time and the 40mm thickness ensures the highest sound absorption
- The enhanced surface durability makes Rockfon Blanka Activity more resistant to dirt and everyday wear and tear, enhancing the product lifetime

Product Description

- Stone wool tile
- Visible side: deep-matt, smooth and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Retail
- Leisure
- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 40	6.4	Rockfon® System T24 A, E ECR™	38%		5.51	7.5
	1200 x 600 x 40		Rockfon® System T24 A, E ECR™				
	600 x 600 x 40	6.4	Rockfon® System B Adhesive™	38%		5.51	7.5
	1200 x 600 x 40		Rockfon® System B Adhesive™				

Other dimensions are available on request. Please contact Rockfon.

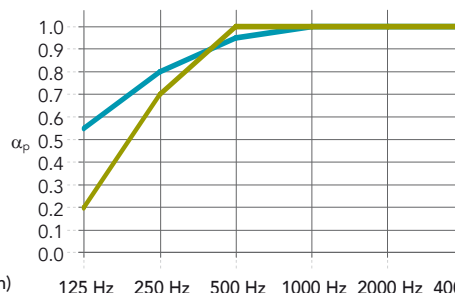
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 1.00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 200	0.55	0.80	0.95	1.00	1.00	1.00	1.00	A	1.00
40 / 40	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 4
 The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Thermal insulation
 Thermal conductivity: $\lambda_D = 40$ mW/mK
 Thermal resistance: $R = 1,00$ m²K/W



Visual appearance

Super-white surface
 L value: 94.5
 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
 The gloss of the product is tested in accordance with ISO 2813.



Recyclability
 Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Blanka® dB 35

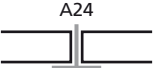

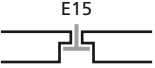



- Combines room-to-room sound insulation as well as good sound absorption for a flexible office layout where confidentiality is not an issue
- Made from a 25mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- A deep-matt, smooth, super-white surface finish with enhanced durability making it more resistant to dirt and everyday wear and tear
- Basic range of formats in semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation system	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A24	600 x 600 x 25	3.4	Rockfon® System dB T24 A, E™	38%	 SILVER	3.65	4.62
	1200 x 600 x 25		Rockfon® System dB T24 A, E™				
 E15	600 x 600 x 25	3.4	Rockfon® System T15 E™	38%	 SILVER	3.65	4.62
	1200 x 600 x 25		Rockfon® System T15 E™				
 E24	600 x 600 x 25	3.4	Rockfon® System dB T24 A, E™	38%	 SILVER	3.65	4.62
	1200 x 600 x 25		Rockfon® System dB T24 A, E™				

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.80 (Class B)



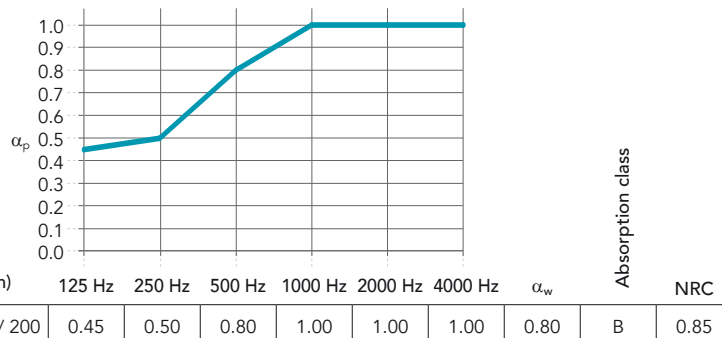
Direct sound insulation
 R_w = 19 dB



Room to room sound insulation
 $D_{n,f,w}$ = 35 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.



Reaction to fire
A2-s1,d0



Light reflection and light diffusion
87% light reflection
>99% light diffusion



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning
- Vacuum
- Damp cloth



Hygiene
Stone wool provides no sustenance to microorganisms



Surface durability
Enhanced durability and dirt resistance.
Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Visual appearance
Super-white surface
L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Blanka® dB 41

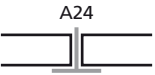

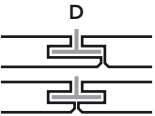

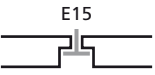

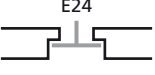

- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for a flexible and quiet office layout
- Made from a 35mm stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room-to-room
- The enhanced surface durability makes it more resistant to dirt and everyday wear and tear, enhancing the product lifetime
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
	600 x 600 x 35	5.6	Rockfon® System dB T24 A, E™	49%		4.73	6.31
	1200 x 600 x 35		Rockfon® System dB T24 A, E™				
	600 x 600 x 35	5.6		49%		4.73	6.31
	1200 x 600 x 35						
	600 x 600 x 35	5.6	Rockfon® System T15 E™	49%		4.73	6.31
	1200 x 600 x 35		Rockfon® System dB Ultraline E™				
	600 x 600 x 35	5.6		49%		4.73	6.31
	1200 x 600 x 35						

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

Performance



Sound absorption

α_w : 0.90 (Class A)



Direct sound insulation

R_w = 21 dB



Sound insulation improvement

Plenum 1000 mm

- ΔR_w = 9 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 8 ; 6 dB

Plenum 620 mm

- ΔR_w = 8 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 5 dB

Plenum 350 mm

- ΔR_w = 9 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 4 dB

Plenum 160 mm

- ΔR_w = 6 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 5 ; 2 dB

Weighted sound reduction improvement
performance measured in accordance with EN ISO
10140-series



Room to room sound insulation

$D_{n,f,w}$ = 41 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented
in the datasheet represent A-edge tiles.



Reaction to fire

A2-s1,d0



Light reflection and light diffusion

87% light reflection

>99% light diffusion



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum

- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

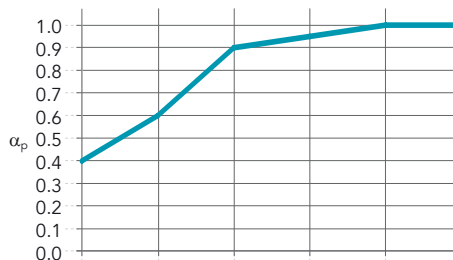
The wet-scrub resistance is tested in accordance with EN ISO
11998:2006 and rated following EN 12720:2009+A1:2013
scale going from 1 to 5, where 5 is the best.



Thermal insulation

Thermal conductivity: λ_D = 40 mW/mK

Thermal resistance: R = 0,85 m²K/W



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
35 / 200	0.40	0.60	0.90	0.95	1.00	1.00	0.90	A	0.90



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance
with ISO 7724 and measured on a scale from 1 (black) to 100
(white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in
accordance with EN 13964 (EN 717-1). Rockfon ceiling
products have a very low release of VOCs. A selection
of Rockfon products have achieved the following
performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened
against the list of substances restricted under REACH
and do not contain substances of very high concern
(SVHC). Rockfon stone wool fibres comply with the safe
fibre EU regulation and hold an EUCEB certification.

Rockfon Blanka® dB 43









- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- A deep-matt, smooth, super-white surface finish with enhanced durability making it more resistant to dirt and everyday wear and tear
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	Recommended installation system	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A24	600 x 600 x 40	7.0	Rockfon® System dB T24 A, E™	50%		5.49	7.44
	1200 x 600 x 40		Rockfon® System dB T24 A, E™				
 D	600 x 600 x 40	7.0		50%		5.49	7.44
	1200 x 600 x 40						
 E15	600 x 600 x 40	7.0	Rockfon® System dB Ultraline E™	50%		5.49	7.44
	1200 x 600 x 40						
 E24	600 x 600 x 40	7.0		50%		5.49	7.44
	1200 x 600 x 40						

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)



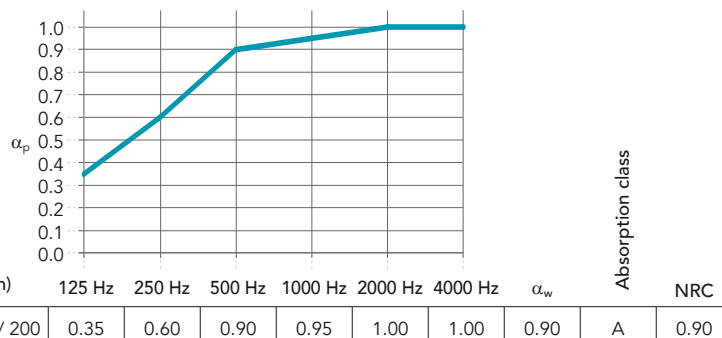
Direct sound insulation
 R_w = 22 dB



Room to room sound insulation
 $D_{n,f,w}$ = 43 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.



Reaction to fire
A2-s1,d0



Light reflection and light diffusion
87% light reflection
>99% light diffusion



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning
- Vacuum
- Damp cloth



Hygiene
Stone wool provides no sustenance to microorganisms



Surface durability
Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Thermal insulation
Thermal conductivity:
 λ_D = 40 mW/mK



Visual appearance
Super-white surface
L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Blanka® dB 46



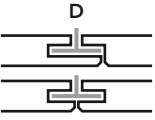



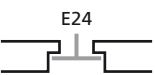

- Provides enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) in areas where privacy and acoustical comfort are important
- Made from a 50mm dual layer stone wool core with a high performance membrane sandwich construction
- The surface is deep-matt, smooth and super-white and has enhanced durability making it more resistant to dirt and everyday wear and tear
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Dual layer stone wool tile with inner high performance membrane
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A24	600 x 600 x 50	7.9	Rockfon® System dB T24 A, E™	38%		8.38	10.8
	1200 x 600 x 50		Rockfon® System dB T24 A, E™				
 D	600 x 600 x 50	7.9		38%		8.38	10.8
 E15	600 x 600 x 50	7.9	Rockfon® System T15 E™	38%		8.38	10.8
	1200 x 600 x 50		Rockfon® System dB Ultraline E™				
 E24	600 x 600 x 50	7.9		38%		8.38	10.8
	1200 x 600 x 50						

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption

α_w : 0.90 (Class A)



Direct sound insulation

R_w = 25 dB



Sound insulation improvement

Plenum 1000 mm

- ΔR_w = 10 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 9 ; 7 dB

Plenum 620 mm

- ΔR_w = 10 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 4 dB

Plenum 350 mm

- ΔR_w = 10 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 8 ; 5 dB

Plenum 160 mm

- ΔR_w = 7 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 5 ; 2 dB

Weighted sound reduction improvement
performance measured in accordance with EN ISO
10140-series



Room to room sound insulation

$D_{n,f,w}$ = 46 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented
in the datasheet represent A-edge tiles.



Reaction to fire

A2-s1,d0



Light reflection and light diffusion

87% light reflection

>99% light diffusion



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.

C/0N



Cleaning

- Vacuum

- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

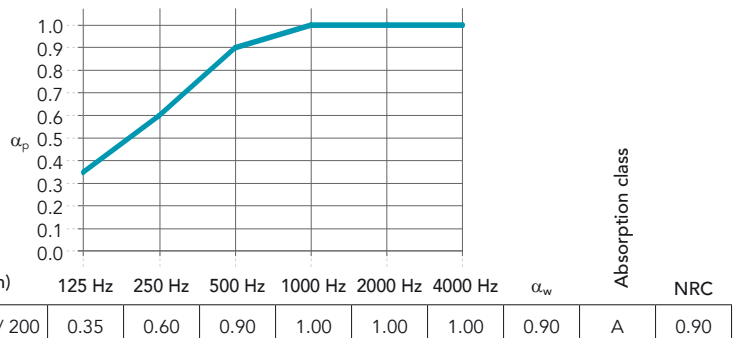
The wet-scrub resistance is tested in accordance with EN ISO
11998:2006 and rated following EN 12720:2009+A1:2013
scale going from 1 to 5, where 5 is the best.



Thermal insulation

Thermal conductivity: λ_D = 40 mW/mK

Thermal resistance: R = 1,25 m²K/W



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance
with ISO 7724 and measured on a scale from 1 (black) to 100
(white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in
accordance with EN 13964 (EN 717-1). Rockfon ceiling
products have a very low release of VOCs. A selection
of Rockfon products have achieved the following
performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened
against the list of substances restricted under REACH
and do not contain substances of very high concern
(SVHC). Rockfon stone wool fibres comply with the safe
fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar®







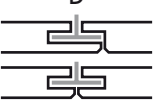







- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
A15 	600 x 600 x 20	2.3	38%		2.29	2.88
	1200 x 600 x 20					
A24 	600 x 600 x 20	2.3	38%		2.29	2.88
	1200 x 600 x 20					
B 	600 x 600 x 20	3.4	38%		2.57	3.63
	1200 x 600 x 20					
D 	600 x 600 x 20	3.4	38%		2.57	3.63
	1200 x 600 x 20					
E15 	600 x 600 x 20	2.8	38%		3.15	3.94
	1200 x 600 x 20					
	1800 x 600 x 20					
E24 	600 x 600 x 20	2.8	38%		3.15	3.94
	1200 x 600 x 20					
X 	600 x 600 x 22	3.7	38%		3.28	4.39
	1200 x 600 x 22					
	1800 x 600 x 22					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

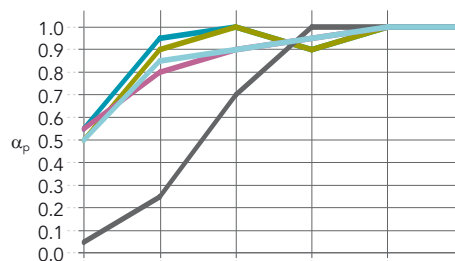


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 20-25 / 200	0.55	0.95	1.00	0.90	1.00	1.00	1.00	A	1.00
E: 20-25 / 200	0.50	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
X: 22 / 200	0.55	0.80	0.90	0.95	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.05	0.25	0.70	1.00	1.00	1.00	0.55	D	0.75
Other edges: 20-25 / 200	0.50	0.85	0.90	0.95	1.00	1.00	0.95	A	0.95



Reaction to fire

A1



Light reflection

85 %



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms



Clean Room

ISO Class 5



Impact resistance

Class 3A (Fastening clip)
Impact resistance of Rockfon Sonar with edge Z or M mounted with fastening clip has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar® Activity

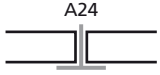



- Designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high
- Comes with an aesthetic white, micro-textured surface and high sound absorption when installed both suspended and direct
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
	600 x 600 x 40	3.3	38%		3.35	4.26
	1200 x 600 x 40					
	600 x 600 x 40	6.4	38%		4.5	6.58
	1200 x 600 x 40					

Installation of Rockfon Sonar Activity in Rockfon System XL T24 D require an extra hanger on all 1800 cross tees. The extra hanger has to be placed app. 550 mm from a main runner.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

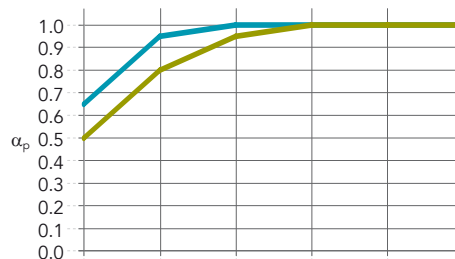


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 40 / 200	0.65	0.95	1.00	1.00	1.00	1.00	0.95	A	1.00
Other edges: 40 / 200	0.50	0.80	0.95	1.00	1.00	1.00	1.00	A	0.95



Reaction to fire

A1



Light reflection

85 %



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms



Clean Room

ISO Class 5



Thermal insulation

Thermal conductivity:
 $\lambda_D = 40 \text{ mW/mK}$
Thermal resistance:
 $R = 1,00 \text{ m}^2\text{K/W}$



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar® dB 35

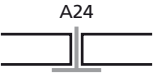





- Combines room-to-room sound insulation as well as good sound absorption for a flexible office layout where confidentiality is not an issue
- Made from a 25mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- Basic range of dimensions in semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A24	600 x 600 x 25	3.4	39%	 SILVER	3.75	4.73
	1200 x 600 x 25					
 E15	600 x 600 x 25	3.4	39%	 SILVER	3.75	4.73
	1200 x 600 x 25					
 E24	600 x 600 x 25	3.4	39%	 SILVER	3.75	4.73
	1200 x 600 x 25					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.80 (Class B)



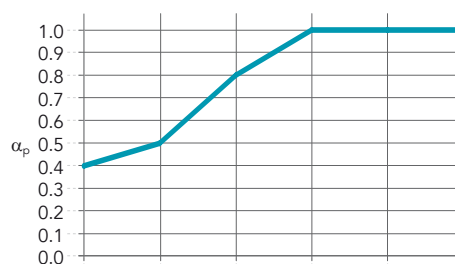
Direct sound insulation
 R_w = 19 dB



Room to room sound insulation
 $D_{n,f,w}$ = 35 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
25 / 200	0.40	0.50	0.80	1.00	1.00	1.00	0.80	B	0.85



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar® dB 41

- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for a flexible and quiet office layout
- Made from a 35mm stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A24	600 x 600 x 35	5.6	39%	 SILVER	5.58	7.24
	1200 x 600 x 35					
 D	600 x 600 x 35	5.6	39%	 SILVER	5.58	7.24
	1200 x 600 x 35					
 E15	600 x 600 x 35	5.6	39%	 SILVER	5.58	7.24
	1200 x 600 x 35					
 E24	600 x 600 x 35	5.6	39%	 SILVER	5.58	7.24
	1200 x 600 x 35					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)

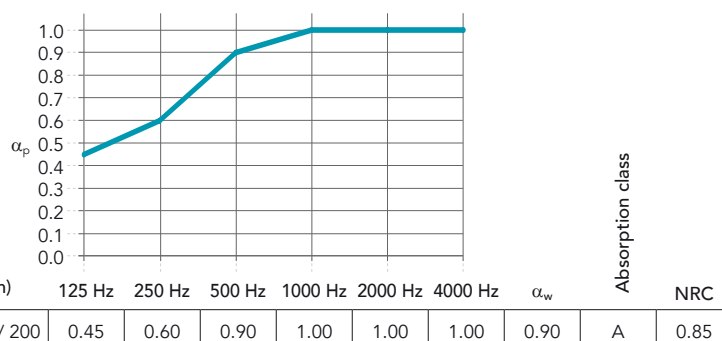


Direct sound insulation
 R_w = 21 dB



Room to room sound insulation
 $D_{n,f,w}$ = 41 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.



Reaction to fire
A1



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/ON



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
Stone wool provides no sustenance to microorganisms



Thermal insulation
Thermal conductivity: λ_D = 40 mW/mK
Thermal resistance: R = 0,85 m²K/W



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar® dB 43

- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 40	7.0	39%		6.78	8.87
	1200 x 600 x 40					
	600 x 600 x 40	7.0	39%		6.78	8.87
	1200 x 600 x 40					
	600 x 600 x 40	7.0	39%		6.78	8.87
	1200 x 600 x 40					
	600 x 600 x 40	7.0	39%		6.78	8.87
	1200 x 600 x 40					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)



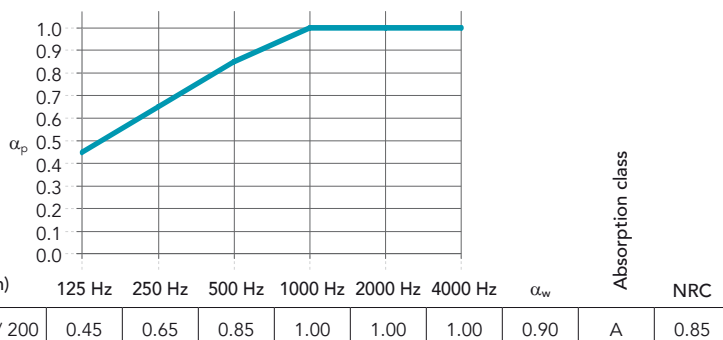
Direct sound insulation
 R_w = 22 dB



Room to room sound insulation
 $D_{n,f,w}$ = 43 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.



Reaction to fire
A1



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
Stone wool provides no sustenance to microorganisms



Thermal insulation
Thermal conductivity: λ_D = 40 mW/mK



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Sonar® dB 46


- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) in areas where privacy and acoustical comfort is important
- Made from a 50mm dual layer stone wool core with a high performance membrane sandwich construction which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Dual layer stone wool tile with inner high performance membrane
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A24	600 x 600 x 50	7.9	39%	 SILVER	7.52	9.89
	1200 x 600 x 50					
 D	600 x 600 x 50	7.9	39%	 SILVER	7.52	9.89
 E15	600 x 600 x 50	7.9	39%	 SILVER	7.52	9.89
	1200 x 600 x 50					
 E24	600 x 600 x 50	7.9	39%	 SILVER	7.52	9.89
	1200 x 600 x 50					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)



Direct sound insulation
 R_w = 25 dB



Room to room sound insulation
 $D_{n,f,w}$ = 46 dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.



Reaction to fire
A2-s1,d0



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

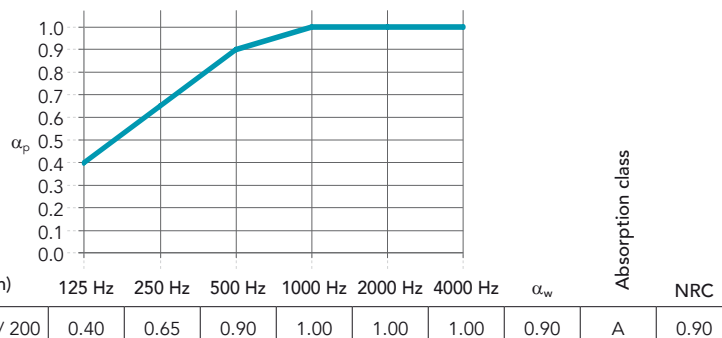
- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
Stone wool provides no sustenance to microorganisms



Thermal insulation
Thermal conductivity: λ_D = 40 mW/mK
Thermal resistance: R = 1,25 m²K/W



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Color-all®








- 34 exclusive colours for acoustic ceiling and wall solutions to inspire and enhance your interior design scheme
- Subtle yet playful colours made to mix and match either within the same room or in different areas of a building
- Total design freedom due to exposed, semi-concealed and concealed edges in a large variety of module sizes

Product Description

- Stone wool tile
- Visible side: smooth coloured, matt fleece
- Rear side: back fleece

Application Areas

- Industry
- Office
- Leisure
- Retail
- Education
- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 15	2.2	-	48%		1.96	2.53
	600 x 600 x 15	2.2	-	48%		1.96	2.53
	1200 x 600 x 15		-				
	600 x 600 x 20		-				
	1200 x 600 x 20	2.4	Rockfon® System T24 A, E ECR™	48%		1.47	1.98
	1500 x 600 x 20		Rockfon® System T24 A™				
	1800 x 600 x 20		Rockfon® System XL T24 A™				
	2400 x 600 x 20		Rockfon® System T24 A™				
	600 x 600 x 20	3.4	Rockfon® System B Adhesive™	48%		3.3	4.26
	1200 x 600 x 20		Rockfon® System B Adhesive™				
	600 x 600 x 40	6.4	Rockfon® System B Adhesive™	48%		6.09	7.98
	1200 x 600 x 40		Rockfon® System B Adhesive™				
	600 x 600 x 20	3.4	Rockfon® System T15 E™	48%		3.3	4.26
	1200 x 600 x 20						
	600 x 600 x 20	3.4	Rockfon® System CleanSpace T24 A, E (ECR)™	48%		3.3	4.26
	1200 x 600 x 20		Rockfon® System Ultraline E™				
	600 x 600 x 22	3.7	Rockfon® System T24 X™	48%		3.48	4.53
	1200 x 600 x 22		Rockfon® System T24 X DLC™				
			-				
	1800 x 600 x 22		-				

Contact us for specific dimensions, other edges including M and Z, lead times and minimum order quantities.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

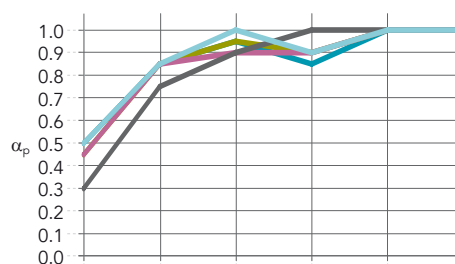


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 15 / 200	0.50	0.85	0.95	0.85	1.00	1.00	0.95	A	0.90
E: 20 / 200	0.45	0.85	0.95	0.90	1.00	1.00	0.95	A	0.95
X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95
40 / 40	0.30	0.75	0.90	1.00	1.00	1.00	0.95	A	0.95
A: 20 / 205	0.50	0.85	1.00	0.90	1.00	1.00	1.00	A	1.00



Reaction to fire

A1

Color-all Mercury: Class A2-s1,d0



Light reflection

Colour-dependent



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Color-all®

<div>Mustard - 51</div> <div>NCS S 2050-Y10R</div> <div>Light reflection: 37%</div>	<div>Sand - 30</div> <div>NCS S 2020-Y20R</div> <div>Light reflection: 55%</div>	<div>Stucco - 20</div> <div>NCS S 1505-Y30R</div> <div>Light reflection: 70%</div>			
<div>Scarlet - 71</div> <div>NCS S 6030-Y80R</div> <div>Light reflection: 8%</div>	<div>Coral - 76</div> <div>NCS S 3040-Y90R</div> <div>Light reflection: 22%</div>	<div>Seashell - 75</div> <div>NCS S 1510-Y60R</div> <div>Light reflection: 56%</div>	<div>Petal - 74</div> <div>NCS S 1005-Y60R</div> <div>Light reflection: 70%</div>		
<div>Seaweed - 34</div> <div>NCS S 8005-G20Y</div> <div>Light reflection: 6%</div>	<div>Eucalyptus - 32</div> <div>NCS S 6020-B90G</div> <div>Light reflection: 12%</div>	<div>Sage - 31</div> <div>NCS S 3010-G10Y</div> <div>Light reflection: 34%</div>	<div>Mint - 12</div> <div>NCS S 1005-G10Y</div> <div>Light reflection: 70%</div>		
<div>Space - 49</div> <div>NCS S 7020-B</div> <div>Light reflection: 5%</div>	<div>Storm - 48</div> <div>NCS S 6020-R90B</div> <div>Light reflection: 55%</div>	<div>Azure - 47</div> <div>NCS S 3020-B</div> <div>Light reflection: 34%</div>	<div>Fresh - 42</div> <div>NCS S 2010-B10G</div> <div>Light reflection: 51%</div>		
<div>Earth - 25</div> <div>NCS S 5010-Y50R</div> <div>Light reflection: 22%</div>	<div>Clay - 26</div> <div>NCS S 5005-G80Y</div> <div>Light reflection: 22%</div>	<div>Linen - 22</div> <div>NCS S 4005-Y50R</div> <div>Light reflection: 29%</div>	<div>Sandalwood - 13</div> <div>NCS S 2010-Y60R</div> <div>Light reflection: 49%</div>	<div>Chalk - 21</div> <div>NCS S 2005-Y40R</div> <div>Light reflection: 51%</div>	
<div>Ebony - 28</div> <div>NCS S 8505-Y80R</div> <div>Light reflection: 4%</div>	<div>Cork - 24</div> <div>NCS S 4010-Y30R</div> <div>Light reflection: 30%</div>	<div>Hemp - 23</div> <div>NCS S 3005-Y20R</div> <div>Light reflection: 45%</div>			
<div>Iron - 18</div> <div>NCS S 7502-B</div> <div>Light reflection: 7%</div>	<div>Concrete - 06</div> <div>NCS S 6000-N</div> <div>Light reflection: 16%</div>	<div>Mastic - 17</div> <div>NCS S 4000-N</div> <div>Light reflection: 33%</div>	<div>Zinc - 05</div> <div>NCS S 4005-R50B</div> <div>Light reflection: 33%</div>	<div>Mercury - 62</div> <div>NCS S 2502-B</div> <div>Light reflection: 44%</div>	
<div>Charcoal - 09</div> <div>NCS S 8500-N</div> <div>Light reflection: 4%</div>	<div>Anthracite - 08</div> <div>NCS S 7010-R90B</div> <div>Light reflection: 7%</div>	<div>Gravel - 03</div> <div>NCS S 3502-B</div> <div>Light reflection: 34%</div>	<div>Plaster - 02</div> <div>NCS S 2005-R80B</div> <div>Light reflection: 58%</div>	<div>Stone - 01</div> <div>NCS S 2000-N</div> <div>Light reflection: 55%</div>	<div>Moon - 10</div> <div>NCS S 1005-R80B</div> <div>Light reflection: 75%</div>

NCS codes are closest colour match - contact us for more information. The actual colour of the ceiling tiles may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool. Samples of the coloured surfaces are available upon request.



Rockfon Color-all® Special

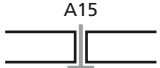







- Innovative and aesthetically pleasing smooth, matt surface with an unlimited custom colour range using NCS
- Rockfon Color-all Special is available in exposed, semi-concealed and concealed edges in a large variety of module sizes, allowing for unique design freedom to inspire and enhance your interior design scheme

Product Description

- Stone wool tile
- Visible side: smooth coloured, matt fleece
- Rear side: back fleece

Application Areas

- Industry
- Office
- Leisure
- Retail
- Education
- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A15	600 x 600 x 20	3.4	Rockfon® System T15 A™	38%		3.62	4.6
	1200 x 600 x 20		Rockfon® System T15 A™				
 A24	600 x 600 x 20	3.4	Chicago Metallic™ T24 1812	38%		3.62	4.6
	1200 x 600 x 20		Rockfon® System T24 A™ Rockfon® System T24 A™ Rockfon® System XL T24 A™				
 E24	600 x 600 x 20	3.4		38%		3.62	4.6
 X	600 x 600 x 22	3.7	Rockfon® System T24 X™	38%		3.56	4.62
	1200 x 600 x 22		Rockfon® System T24 X™				

Rockfon Color-all Special is a bespoke colour matching service for both tiles and grids using NCS references.
For specific pricing and minimum quantities, please call for details.

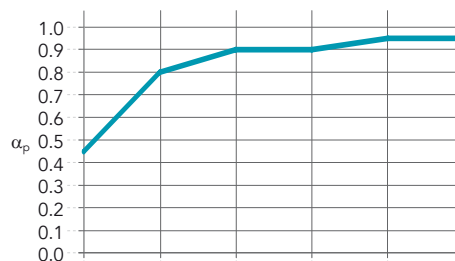
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.95 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20-40 / 200	0.45	0.80	0.90	0.90	0.95	0.95	0.95	A	0.85



Reaction to fire
 A2-s1,d0



Light reflection
 Colour-dependent



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

The properties presented on this datasheet cover the majority of the NCS colour selection. For detailed information on specific NCS colours please contact Rockfon Customer Service.
 Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon® Koral







- Aesthetic white, micro-textured surface
- Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in semi-concealed and visible grid options
- Surface can be cleaned with a damp cloth or vacuumed

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*	
 A15	600 x 600 x 15	2.0	39%		2.24	2.73	
	600 x 600 x 20	2.3	39%		2.55	3.19	
 A24	600 x 600 x 15	2.0	39%		2.24	2.73	
	1200 x 600 x 15						
	600 x 600 x 20	2.3	39%		2.55	3.19	
	1200 x 600 x 20						
 E15	600 x 600 x 15	2.2	39%		2.19	2.82	
	1200 x 600 x 15						
	600 x 600 x 20		39%		2.62	3.44	
 E24	600 x 600 x 15	2.2	39%		2.19	2.82	
	1200 x 600 x 15						
	600 x 600 x 20		39%		2.62	3.44	

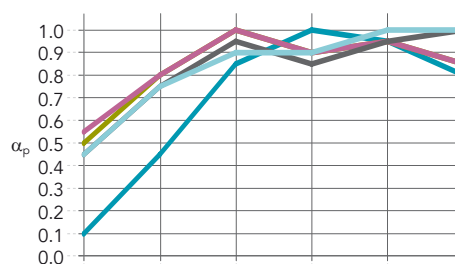
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 0.95 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 15 / 50	0.10	0.45	0.85	1.00	0.95	0.80	0.75	C	0.80
A: 15 / 200	0.50	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
A: 20-25 / 200	0.55	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
E: 15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90
E: 20 / 200	0.45	0.75	0.90	0.90	1.00	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Recyclability
 Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Tropic









- Smooth attractive white surface for various applications
- Class A sound absorption
- Full range of formats in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: smooth white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A15	600 x 600 x 15	2.0	52%		1.99	2.45
	1200 x 600 x 15					
	600 x 600 x 20	2.4	52%		2.49	3.09
	1200 x 600 x 20					
 A24	600 x 600 x 15	2.0	52%		1.99	2.45
	1200 x 600 x 15					
	600 x 600 x 20	2.4	52%		2.49	3.09
	1200 x 600 x 20					
	1800 x 600 x 20					
 E15	600 x 600 x 15	2.2	52%		2.33	2.93
	1200 x 600 x 15					
 E24	600 x 600 x 15	2.2	52%		2.33	2.93
	1200 x 600 x 15					
	600 x 600 x 20	2.8	52%		2.74	3.52
	1200 x 600 x 20					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

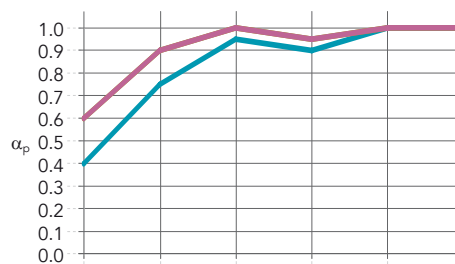


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 15 / 200	0.40	0.75	0.95	0.90	1.00	1.00	0.95	A	0.90
A: 20 / 200	0.60	0.90	1.00	0.95	1.00	1.00	1.00	A	1.00
A,E: 20 / 200	0.60	0.90	1.00	0.95	1.00	1.00	1.00	A	1.00



Reaction to fire

A1



Light reflection

86%



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Artic









- Standard surface ideal for most common applications
- Good acoustic properties
- Basic range of dimensions in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: nuanced white painted fleece
- Rear Side: back fleece

Application Areas

- Office
- Education
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A15	600 x 600 x 15	2.0	Rockfon® System T15 A™	48%		1.71	2.22
	610 x 610 x 15						
	625 x 625 x 15						
	1200 x 600 x 15						
	1220 x 610 x 15	2.4					
	1250 x 625 x 15	2.0					
	600 x 600 x 20	2.4	Rockfon® System T15 A™	48%		2.56	3.17
	1200 x 600 x 20			48%			
 A24	600 x 600 x 15	2.0	Rockfon® System XL T24 A™	48%		1.71	2.22
	610 x 610 x 15		Rockfon® System T24 A™				
	625 x 625 x 15						
	1200 x 600 x 15		Rockfon® System T24 A™				
	1220 x 610 x 15		Rockfon® System T24 A™				
	1250 x 625 x 15						
	600 x 600 x 20	2.4	Rockfon® System T24 A™	48%		2.56	3.17
	1200 x 600 x 20		Rockfon® System T24 A™				
 E15	600 x 600 x 15	2.2	Rockfon® System T15 E™	48%		1.71	2.22
	1200 x 600 x 15		Rockfon® System T15 E™				
	600 x 600 x 20	2.4	Rockfon® System T15 E™	48%		2.56	3.17
	1200 x 600 x 20		Rockfon® System T15 E™				
 E24	600 x 600 x 15	2.2	Rockfon® System XL T24 E™	48%		1.71	2.22
	1200 x 600 x 15		Rockfon® System T24 E™				
	600 x 600 x 20	2.4	Rockfon® System T24 E™	48%		2.56	3.17
	1200 x 600 x 20		Rockfon® System T24 E™				

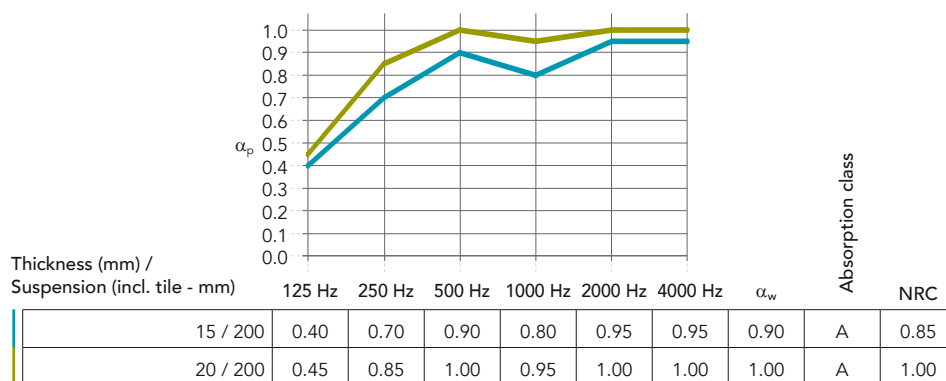
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)



Reaction to fire
 A1



Light reflection
 82%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Recyclability
 Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Pacific®








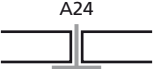






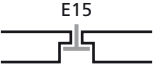



- Economical tile with standard surface
- Class A sound absorption with lightweight 12mm thickness
- Basic range of tile dimensions in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: Nuanced white painted fleece
- Rear Side: back fleece

Application Areas

- Office
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A15	600 x 600 x 12	1.6	45%	 SILVER	1.46	1.86
	610 x 610 x 12			 SILVER		
	625 x 625 x 12			 BRONZE		
	1200 x 600 x 12			 SILVER		
	1220 x 610 x 12			 SILVER		
	1250 x 625 x 12			 BRONZE		
 A24	600 x 600 x 12	1.6	45%	 SILVER	1.46	1.86
	610 x 610 x 12			 SILVER		
	625 x 625 x 12			 BRONZE		
	1200 x 600 x 12			 SILVER		
	1220 x 610 x 12			 SILVER		
	1250 x 625 x 12			 BRONZE		
 E15	600 x 600 x 12	1.9	45%	 SILVER	1.72	2.22
 E24	600 x 600 x 12	1.9	45%	 SILVER	1.72	2.22

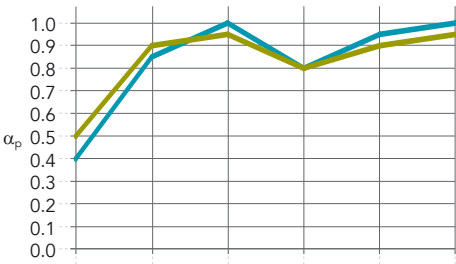
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.90 (Class A)



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 12 / 200	0.40	0.85	1.00	0.80	0.95	1.00	0.90	A	0.90
E: 12 / 200	0.50	0.90	0.95	0.80	0.90	0.95	0.90	A	0.90



Reaction to fire
A1



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.



Cleaning
- Vacuum



Hygiene
Stone wool provides no sustenance to microorganisms



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon CleanSpace® Essential





- Rockfon CleanSpace Essential has a white, gently cleanable, micro-textured surface
- A-edge tile available in standard dimensions
- High sound absorption (Class A) and highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Low particle emission: ISO Class 4
- Up to 100% humidity resistance

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges (20-25mm)

Application Areas

- Education
- Retail
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A15	600 x 600 x 12	1.6	Rockfon® System T15 A™	50%		1.48	1.85
	1200 x 600 x 12		Rockfon® System T15 A™				
	600 x 600 x 20	2.1	Rockfon® System T15 A™	50%		2.47	2.97
	1200 x 600 x 20		Rockfon® System T15 A™				
 A24	600 x 600 x 12	1.6	Rockfon® System CleanSpace T24 A, E (ECR)™	50%		1.48	1.85
	1200 x 600 x 12		Rockfon® System CleanSpace T24 A, E (ECR)™				
	600 x 600 x 20	2.1	Rockfon® System CleanSpace T24 A, E (ECR)™	50%		2.47	2.97
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)™				
	600 x 600 x 25	2.5		50%		2.87	3.47
	1200 x 600 x 25						

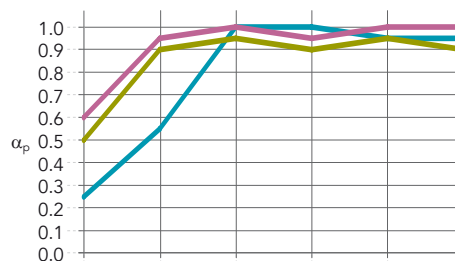
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
12 / 100	0.25	0.55	1.00	1.00	0.95	0.95	0.85	B	0.90
A,E: 20 / 200	0.50	0.90	0.95	0.90	0.95	0.90	0.95	A	0.95
25 / 200	0.60	0.95	1.00	0.95	1.00	1.00	1.00	A	1.00



Reaction to fire
A1



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
20-25mm: C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (quarterly disinfection):
 - Active chlorine 2.6%
 - Hydrogen peroxide 5%
 - Ethanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



Hygiene
Stone wool provides no sustenance to microorganisms



Clean Room
ISO Class 4



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon CleanSpace® Pro





- Rockfon CleanSpace Pro is a cleanable ceiling tile with good acoustic properties. Applicable in various practical and industrial room types with cleanability requirements. The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of formats in semi-concealed and visible grid options
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 4
- Rockfon CleanSpace Pro is HACCP verified ensuring safe application in food- and beverage industry
- Rockfon CleanSpace Pro has an anti-static surface that withstands exposure to dust and enhances the product lifetime

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare
- Education
- Retail
- Leisure
- Industry

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A24	600 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E (ECR)™	37%		2.31	2.91
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)™				
	600 x 600 x 40	3.3	Rockfon® System CleanSpace T24 A, E (ECR)™	37%		3.32	4.23
	1200 x 600 x 40		Rockfon® System CleanSpace T24 A, E (ECR)™				
 E24	600 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E (ECR)™	37%		2.84	3.62
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)™				

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 1.00 (Class A)



Reaction to fire
A1



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/ON



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- High pressure cleaning (monthly and only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (monthly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.

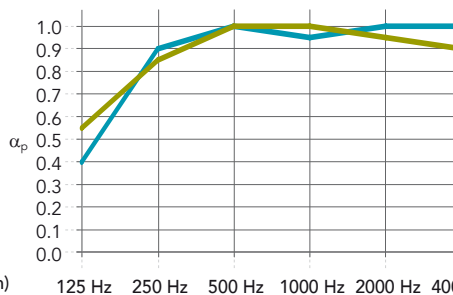


Hygiene
Stone wool provides no sustenance to microorganisms
Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin resistant *staphylococcus aureus* (MRSA)
- *Candida albicans*
- *Aspergillus brasiliensis*
- *E. Coli*
- *Bacillus cereus*

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.40	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
A: 40 / 200	0.55	0.85	1.00	1.00	0.95	0.90	1.00	A	0.95



Surface durability
Enhanced durability and dirt resistance.



Disinfection
- Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time



Clean Room
ISO Class 4



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon CleanSpace® Block


- Rockfon CleanSpace Block is specifically designed for use in high-risk, air pressure controlled environments such as cleanrooms and laboratories where there are demanding sanitation requirements
- Very low particle emission: ISO Class 2
- Resistance to stringent detergents and disinfectants, resulting in ‘Excellent’ chemical resistance classification
- Does not contribute to the growth of microorganisms

Product Description

- Mineral wool tile encased within an air- and watertight inert film

Application Areas

- Healthcare
- Industry

Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation system
 A24	600 x 600 x 25	2.0	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 25		Rockfon® System CleanSpace T24 A, E (ECR)™



Performance



Sound absorption

α_w : 0.90 (Class A)



Reaction to fire

B-s1,d0



Light reflection

74%



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- High pressure cleaning (monthly and only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants (daily disinfection):
 - Formalin (37%)
 - Ammonia (25%)
 - Hydrogen peroxide (30%)
 - Sulphuric acid (5%)
 - Phosphoric acid (30%)
 - Peracetic acid (15%)
 - Hydrochloric acid (5%)
 - Isopropanol (100%)
 - Sodium hydroxide (5%)
 - Sodium hypochlorite (15%)
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



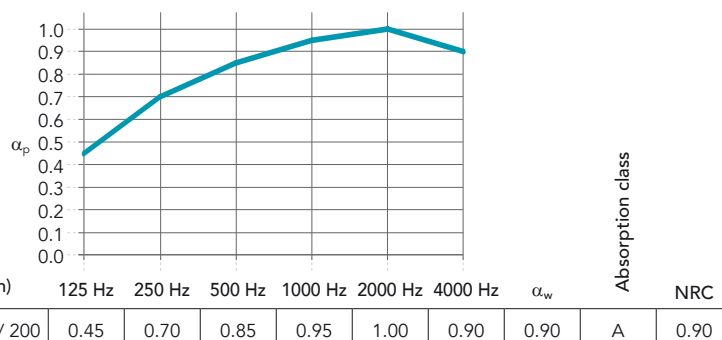
Hygiene

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- *Methicillin resistant staphylococcus aureus (MRSA)*
- *Candida albicans*
- *Aspergillus brasiliensis*
- *E. Coli*
- *Bacillus cereus*

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Surface durability

The high performance inert film of Rockfon CleanSpace Block provides enhanced durability and water-repellence.

The film contains DMAc (CAS 127-19-5) in a concentration $\geq 0.1\%$ and $< 1\%$ by weight.



Disinfection

- Resistant to using Hydrogen Peroxide Vapor disinfection without impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



Clean Room

ISO Class 2



Air pressure

Suitable in areas where differential pressure is required. When used in combination with:

-HDC 2 for the 25 mm tile;
the air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa is achieved.

The amount of hold down clips (HDC) depends on the tile dimensions and the room size/shape.

For more information please contact customer service.

Rockfon CleanSpace® Pure







- Rockfon CleanSpace Pure is a smooth, deep-matt, pure white cleanable ceiling tile with high sound absorption (Class A).
Applicable in various room types with cleanability requirements.
The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of dimensions and edges for complete design freedom
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 3

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*	
 A24	600 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E (ECR)™	38%		2.25	2.84	
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)™					
	600 x 600 x 40	4.1		38%		3.85	4.99	
	1200 x 600 x 40							
 E24	600 x 600 x 20	2.8	Rockfon® System CleanSpace T24 A, E (ECR)™	38%		2.96	3.74	
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)™					
 X	600 x 600 x 22	3.7	Rockfon® System T24 X™	38%		3.23	4.34	
	1200 x 600 x 22		Rockfon® System T24 X™					

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

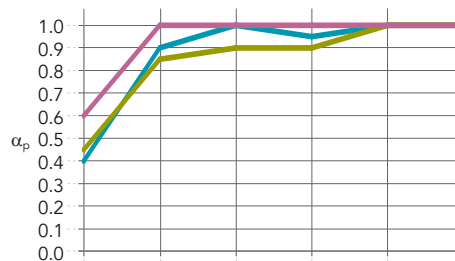


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A _E : 20 / 200	0.40	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95
A: 40 / 200	0.60	1.00	1.00	1.00	1.00	1.00	1.00	A	1.05



Reaction to fire

A1



Light reflection and light diffusion

86% light reflection
>99% light diffusion



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- High pressure cleaning (monthly and only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (weekly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



Hygiene

Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin resistant *staphylococcus aureus* (MRSA)
- *Candida albicans*
- *Aspergillus brasiliensis*
- *E. Coli*
- *Bacillus cereus*

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Clean Room

ISO Class 3



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Disinfection

- Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon CleanSpace® Air

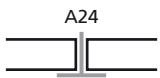

- A high-quality, smooth white acoustic ceiling tile
- Rockfon CleanSpace Air is designed for use in pressurised healthcare environments and where differential air pressure is required
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Fulfilling the requirements of Zone 4 (very high risk). Microbiological class M1
- Allows for rigorous cleaning with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption (25 mm) and Class A for 40 mm and highest fire safety (Class A1)

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: airtight high performance membrane
- Sealed edges

Application Areas

- Healthcare
- Industry

Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A24	600 x 600 x 25	2.7	Rockfon® System CleanSpace T24 A, E (ECR)™	37%	 BRONZE	2.9	3.64
	1200 x 600 x 25		Rockfon® System CleanSpace T24 A, E (ECR)™				

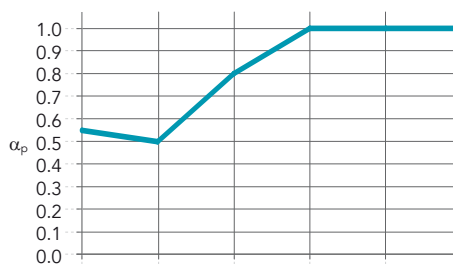
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.80 (Class B)



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
25 / 200	0.55	0.50	0.80	1.00	1.00	1.00	0.80	B	0.85



Reaction to fire
A1



Light reflection
85%



Humidity and sag resistance
Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (2x Weekly disinfection):
 - Active chlorine 2,6%
 - Quaternary ammonium 0,25%
 - Hydrogen peroxide 5%
 - Ethanol 70%
 - Isopropanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



Hygiene
Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Clean Room
ISO Class 3



Air pressure
Suitable in areas where differential pressure is required. When used in combination with closed neoprene foam tape and:

- HDC 2 for the 25 mm tile; or
- HDC 7 for the 40 mm tile,

the air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa is achieved. The amount of hold down clips (HDC) depends on the tile dimensions and the room size/shape. For more information please contact customer service.



Recyclability
Fully recyclable stone wool



Indoor environment
Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon MediCare® Standard

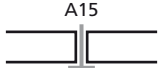







- Fulfills all standard cleaning and hygienic requirements for use in healthcare environments
- Does not contribute to the growth of MRSA and ensures low particle emission (ISO Class 5)
- High sound absorption and highest fire safety (Class A1)
- Basic range of tile dimensions in semi-concealed and visible grid options

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A15	600 x 600 x 15	2.0	Rockfon® System T15 A™	40%		2.31	2.78
	1200 x 600 x 15		Rockfon® System T15 A™				
 A24	600 x 600 x 15	2.0	Rockfon® System T24 A™	40%		2.31	2.78
	1200 x 600 x 15		Rockfon® System T24 A™				
 E15	600 x 600 x 15	2.2	Rockfon® System T15 E™	40%		2.7	3.31
	1200 x 600 x 15		Rockfon® System Ultraline E™				
 E24	600 x 600 x 15	2.2	Rockfon® System T24 A, E ECR™	40%		2.7	3.31
	1200 x 600 x 15		Rockfon® System XL T24 E™				
			Rockfon® System T24 A, E ECR™				
			Rockfon® System XL T24 E™				

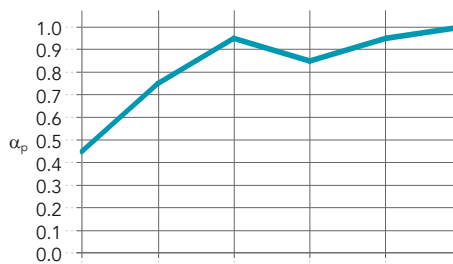
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.95 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/ON



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms
 Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.
 Tested with:
 - Methicillin Resistant Staphylococcus Aureus (MRSA)
 - Candida Albicans
 - Aspergillus Brasiliensis



Clean Room
 ISO Class 5



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon MediCare® Plus



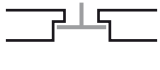



- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in concealed, semi-concealed and visible grid options

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 20	2.3	Rockfon® System XL T24 A™	37%		2.24	2.8
	1200 x 600 x 20		Rockfon® System T24 A, E ECR™				
			Rockfon® System Maxispan T24 A, E™				
	600 x 600 x 20	2.8	Rockfon® System XL T24 A™	37%		2.97	3.77
	1200 x 600 x 20		Rockfon® System T24 A, E ECR™				
	600 x 600 x 22	3.7	Rockfon® System T24 X™	37%		3.19	4.05
	1200 x 600 x 22		Rockfon® System T24 X DLC™				

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

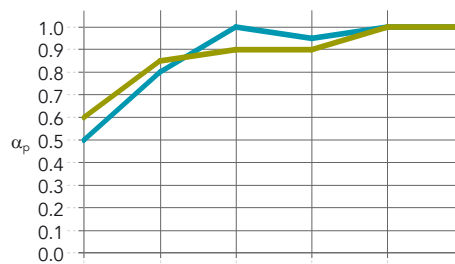


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.50	0.80	1.00	0.95	1.00	1.00	1.00	A	0.95
Other edges: 20-22 / 200	0.60	0.85	0.90	0.90	1.00	1.00	0.95	A	0.90



Reaction to fire

A1



Light reflection

85%



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Surface durability

Enhanced durability and dirt resistance.



Clean Room

ISO Class 3



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon MediCare® Air

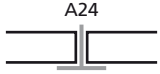

- Specifically designed for use in pressurised healthcare environments where differential air pressure is required to prevent infection spreading eg. surgeries, recovery rooms, intensive care, etc.
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Can be cleaned with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption and highest fire safety (Class A1)
- Basic A-edge tile available in standard dimensions

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: airtight high performance membrane
- Sealed edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
	600 x 600 x 25	2.7	Rockfon® System T24 A, E ECR™	37%		2.77	3.49
	1200 x 600 x 25		Rockfon® System T24 A, E ECR™				

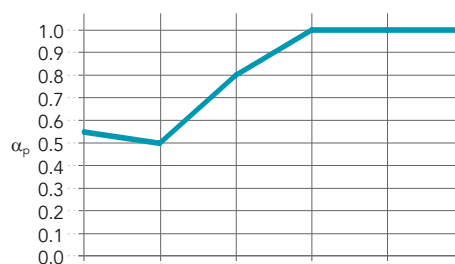
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 0.80 (Class B)



Thickness (mm) /
 Suspension (incl. tile - mm)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC	
25 / 200	0.55	0.50	0.80	1.00	1.00	1.00	0.80	B	0.85



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms
 Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.
 Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



Air pressure
 Suitable in areas where differential pressure is required. When used in combination with closed neoprene foam tape and:

- HDC 2 for the 25 mm tile; or
- HDC 7 for the 40 mm tile,

the air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa is achieved. The amount of hold down clips (HDC) depends on the tile dimensions and the room size/shape. For more information please contact customer service.



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCB certification.

Rockfon MediCare® Block


- Specifically designed for use in high-risk, pressurised healthcare environments where high cleanability is required such as emergency rooms, washing facilities and intensive care
- Does not contribute to the growth of MRSA, Clean Room Classification ISO Class 2
- Very good cleanability properties for most stringent cleaning methods, chemical resistance classification 'Excellent'

Product Description

- Mineral wool tile encased within an air- and watertight inert film

Application Areas

- Healthcare

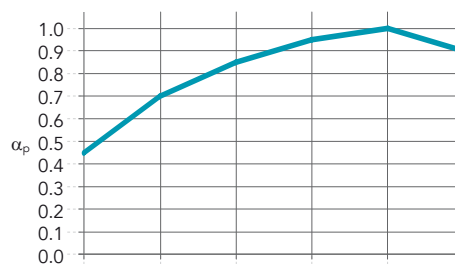
Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation system
 A24	600 x 600 x 25	2.0	Rockfon® System T24 A, E ECR™
	1200 x 600 x 25		Rockfon® System T24 A, E ECR™



Performance



Sound absorption
 α_w : 0.90 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
25 / 200	0.45	0.70	0.85	0.95	1.00	0.90	0.90	A	0.90



Reaction to fire
 B-s1,d0



Light reflection
 74%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (daily)
- Resistant to disinfection using Hydrogen Peroxide Vapour, with no impact on aeration time
- Chemical resistance: Tested according to ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants (daily disinfection):
 - Formalin (37%)
 - Ammonia (25%)
 - Hydrogen peroxide (30%)
 - Sulphuric acid (5%)
 - Phosphoric acid (30%)
 - Peracetic acid (15%)
 - Hydrochloric acid (5%)
 - Isopropanol (100%)
 - Sodium hydroxide (5%)
 - Sodium hypochlorite (15%)



Hygiene

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.
 Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis



Surface durability

The high performance inert film of Rockfon MediCare Block provides enhanced durability and water-repellence.
 The film contains DMAc (CAS 127-19-5) in a concentration $\geq 0.1\%$ and $< 1\%$ by weight.



Clean Room
 ISO Class 2



Air pressure

Suitable in areas where differential pressure is required.
 When used in combination with:

- HDC 2 for the 25 mm tile; or
- HDC 7 for the 40 mm tile,

the air leakage rate of less than $0.5 \text{ m}^3/\text{h} / \text{m}^2/\text{Pa}$ under a pressure range of 5 to 40 Pa is achieved.
 The amount of hold down clips (HDC) depends on the tile dimensions and the room size/shape.
 For more information please contact customer service.

Rockfon® Samson



- Impact-resistant white woven surface, ideal for high activity areas
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: Woven
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Education
- Industry
- Leisure

Edge detail	Module size (mm)	Weight (kg/m²)	Recycled content	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
<div>A24</div> 	600 x 600 x 40	4.1	39%	3.47	4.68
	1200 x 600 x 40				
	1800 x 600 x 40				
	2400 x 600 x 40				
	1200 x 1200 x 40				
<div>AEX</div> 	1166 x 1166 x 40	4.1	39%	3.47	4.68

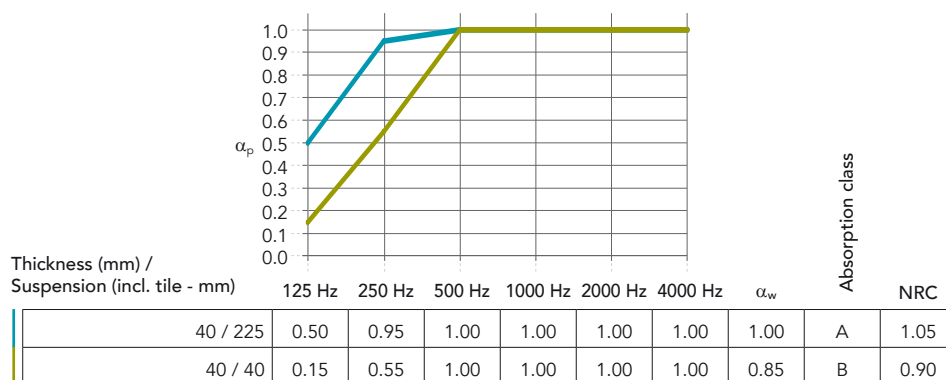
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Reaction to fire
 A1



Light reflection
 72%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning
 - Vacuum



Impact resistance
 40 mm: Class 1A (Rockfon System Olympia^{Plus} A Impact 1A)
 40 mm: Class 2A (Rockfon System T24 A Impact 2A/3A)

For direct mounting and depending on the degree of impact you can choose between two systems:
 40mm: Class 1A (Rockfon System HAT A with 1,0 mm thick HAT profile). For light impact applications you can use HAT profiles with a steel thickness of 0,7 mm providing no impact class.

Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact. The woven surface of Rockfon Samson provides enhanced resistance to perforation, tested in accordance with NF P 08-301.



Hygiene
 Stone wool provides no sustenance to microorganisms



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Boxer




- Highly impact-resistant micro-textured white, ideal for schools and sports facilities
- Excellent sound absorption for noisy and reverberant areas
- Meets the requirements of maximum impact resistance (Class 1A) when installed in Rockfon System OlympiaPlus A Impact 1

Product Description

- Stone wool tile
- Visible side: micro-textured white reinforced fleece
- Rear side: back fleece

Application Areas

- Education

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 20	2.4	Rockfon® System XL T24 A™	45%		2.23	2.82
			Rockfon® System T24 A Impact 2A/3A™				
			-				
	1200 x 600 x 20		Rockfon® System T24 A™				
			Rockfon® System T24 A Impact 2A/3A™				
			-				
	1800 x 600 x 20		Rockfon® System XL T24 A™				
			-				
			-				
	600 x 600 x 40	4.1	-	45%		3.17	4.13
			-				
			Rockfon® System T24 A™				
	1200 x 600 x 40		Rockfon® System T24 A Impact 2A/3A™				

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

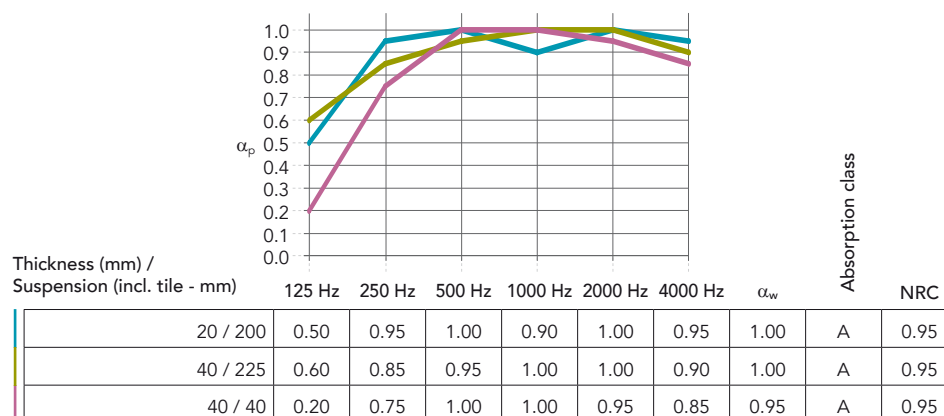


Performance



Sound absorption

α_w : up to 1.00 (Class A)



Reaction to fire

A1



Light reflection

85%



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
C/0N



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Thermal insulation

Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$
Thermal resistance:
40 mm: $R = 1,05 \text{ m}^2\text{K/W}$



Impact Resistance

20 mm : Class 3A (Rockfon System 3810)
40 mm : Class 2A (Rockfon System 3810)
Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Acoustimass

- Acoustic barriers which reduce noise transfer in ceiling and floor plenums
- Easy to install above or below modular partitions

Product Description

- Stone wool tiles
- 80mm thick with aluminium foil membrane to both sides

Application Areas

- Retail
- Education
- Healthcare
- Industry
- Office
- Leisure

Module size (mm)	Weight (kg/m²)	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
1200 x 600 x 80	6.4	3.47	5.19
1200 x 1000 x 80			

Dimensions given correspond exactly to the size of the finished products.
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Direct sound insulation

$R_w = 19$ dB



Room to room sound insulation

* Values obtained on the basis of theoretical analysis.

Product	$D_{n,f,w}$	$D_{n,f,w}$ with Rockfon Acoustimass	$D_{n,f,w}$ with Rockfon Soundstop 30 dB
Rockfon Blanka A (20mm)	26	40	
Rockfon Blanka D/Aex (20mm)	25	40	
Rockfon Blanka dB 35	35	45*	50*
Rockfon Blanka dB 41	41	52*	55*
Rockfon Blanka dB 43	43	54*	56*
Rockfon Blanka dB 46	46	55*	58*
Rockfon Ekla A (20mm)	26	40	



Reaction to fire

A2-s1,d0



Fire protection

The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes.



Humidity and sag resistance

Up to 100% RH.



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Eclipse

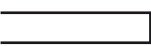

- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, deep-matt, and super white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Rockfon Eclipse is available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install, Rockfon Eclipse can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: smooth, deep matt, super white painted fleece
- Rear side: white backing fleece
- Painted edges

Application Areas

- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	Circle	800 x 800 x 40	3	Rockfon® System Eclipse Island™	39%		6.46	8.37
		1160 x 1160 x 40	7	Rockfon® System Eclipse Island™				
	Hexagon	1160 x 1006 x 40	6	Rockfon® System Eclipse Island™				
	Rectangle	1160 x 580 x 40	5	Rockfon® System Eclipse Island™				
		1760 x 1160 x 40	13	Rockfon® System Eclipse Island™				
		2360 x 1160 x 40	17	Rockfon® System Eclipse Island™				
	Square	1160 x 1160 x 40	9	Rockfon® System Eclipse Island™				
	Triangle	1160 x 1005 x 40	4	Rockfon® System Eclipse Island™				
	Oval	1760 x 1160 x 40	10	Rockfon® System Eclipse Island™				
	Bespoke		9	Rockfon® System Eclipse Island™				

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.
Contact us for special shapes, colours, sizes, lead times and minimum quantities.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption

A_{eq} (m²/item)

* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



Reaction to fire

A1



Light reflection and light diffusion

87% light reflection (rear side: 79%)
>99% light diffusion



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.
Rockfon Eclipse is not suitable for use in swimming pools or outdoors.
For more information, please contact Rockfon.



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

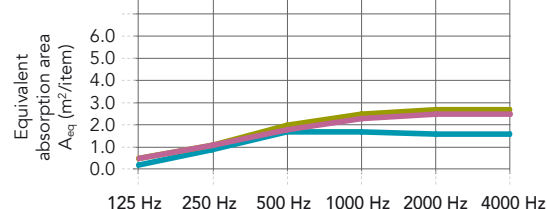
Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.

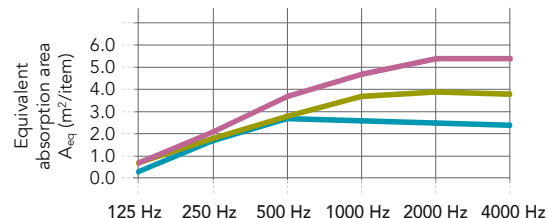


Recyclability

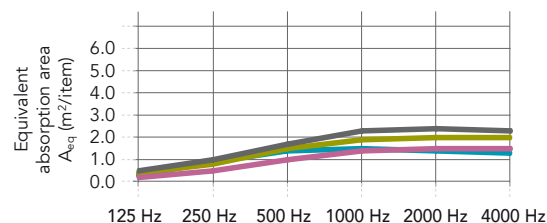
Fully recyclable stone wool



Square 1160 single item* (suspension height: 13mm)	0.2	0.9	1.7	1.7	1.6	1.6
Square 1160 single item* (suspension height: 500mm)	0.5	1.1	2.0	2.5	2.7	2.7
Square 1160 array of 5 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.8	2.3	2.5	2.5



Rectangle 1760 single item* (suspension height: 13mm)	0.3	1.7	2.7	2.6	2.5	2.4
Rectangle 1760 single item* (suspension height: 500mm)	0.7	1.8	2.8	3.7	3.9	3.8
Rectangle 2360 single item* (suspension height: 500mm)	0.7	2.1	3.7	4.7	5.4	5.4



Circle 1160 single item* (suspension height: 13 mm)	0.3	0.9	1.4	1.5	1.4	1.3
Circle 1160 single item* (suspension height: 500 mm)	0.4	0.8	1.5	1.9	2.0	2.0
Triangle 1160 single item* (suspension height: 500 mm)	0.2	0.5	1.0	1.4	1.5	1.5
Hexagon 1160 single item* (suspension height: 500 mm)	0.5	1.0	1.7	2.3	2.4	2.3



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

All performance properties presented in the datasheet are based uniquely on the Rockfon Blanka surface. All colours can influence product performances. Please contact Rockfon customer service for more information.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon® Eclipse Colour


- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth coloured, matt surface
- Rockfon Eclipse Colour is available in two formats (circle and square) and 11 exclusive colours from the Rockfon Color-All range to inspire and enhance your interior design scheme
- Subtle yet playful colours made to mix and match either within the same room or in different areas of a building
- Quick and easy to install, Rockfon Eclipse Colour can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: Smooth coloured, matt fleece
- Rear side: white backing fleece
- Painted edges




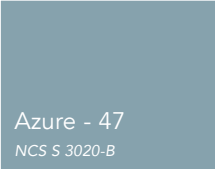
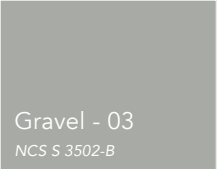


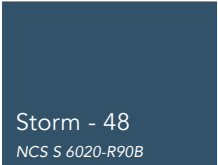
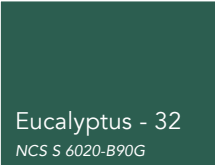

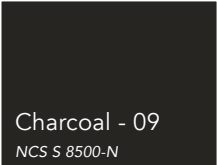
Application Areas

- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
A	Circle	1160 x 1160 x 40	7	Rockfon® System Eclipse Island™	38%		6.31	8.21
	Square		9	Rockfon® System Eclipse Island™				

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

Colours

 Sand - 30 NCS S 2020-Y20R	 Seashell - 75 NCS S 1510-Y60R	 Sage - 31 NCS S 3010-G10Y	 Azure - 47 NCS S 3020-B	 Gravel - 03 NCS S 3502-B	
 Mustard - 51 NCS S 2050-Y10R	 Coral - 76 NCS S 3040-Y90R	 Storm - 48 NCS S 6020-R90B	 Eucalyptus - 32 NCS S 6020-B90G	 Concrete - 06 NCS S 6000-N	 Charcoal - 09 NCS S 8500-N

NCS codes are closest colour match. The actual colour of the islands may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool.



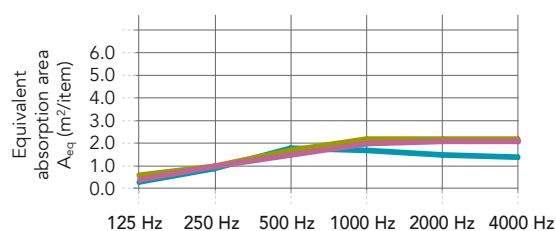
Performance



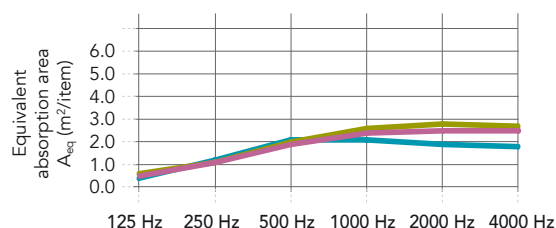
Sound absorption

A_{eq} (m²/item)

* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



Circle 1160 single item* (suspension height: 45 mm)	0.3	0.9	1.8	1.7	1.5	1.4
Circle 1160 single item* (suspension height: 500 mm)	0.6	1.0	1.7	2.2	2.2	2.2
Circle 1160 array of 2x4 items, 300mm distance (suspension height 500mm)	0.4	1.0	1.5	2.0	2.1	2.1



Square 1160 single item* (suspension height: 45mm)	0.4	1.2	2.1	2.1	1.9	1.8
Square 1160 single item* (suspension height: 500mm)	0.6	1.1	2.0	2.6	2.8	2.7
Square 1160 array of 2x4 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.9	2.4	2.5	2.5



Reaction to fire

A2-s1,d0



Light reflection

Colour-dependent



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity. Rockfon Eclipse is not suitable for use in swimming pools or outdoors. For more information, please contact Rockfon.



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCB certification.

Rockfon® Eclipse Customised









- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, matt surface with an unlimited custom colour range using NCS
- Rockfon Eclipse Customised is available in an unlimited variety of shapes, allowing for unique design freedom to inspire and enhance your interior design scheme
- Quick and easy to install, Rockfon Eclipse Customised can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: smooth custom-coloured, matt fleece
- Rear side: white backing fleece
- Painted edges

Application Areas

- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 A	Square 	1160 x 1160 x 40	9	Rockfon® System Eclipse Island™	39%		6.31	8.21
	Rectangle 	1760 x 1160 x 40	13	Rockfon® System Eclipse Island™				
	Circle 	800 x 800 x 40	3	Rockfon® System Eclipse Island™				
		1160 x 1160 x 40	7	Rockfon® System Eclipse Island™				
	Triangle 	1160 x 1005 x 40	4	Rockfon® System Eclipse Island™				
	Hexagon 	1160 x 1006 x 40	6	Rockfon® System Eclipse Island™				
	Bespoke 	- x - x 40	-	Rockfon® System Eclipse Island™				

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.

Contact us for special shapes, sizes, two-sided painted Eclipse Customised, lead times and minimum order quantities.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



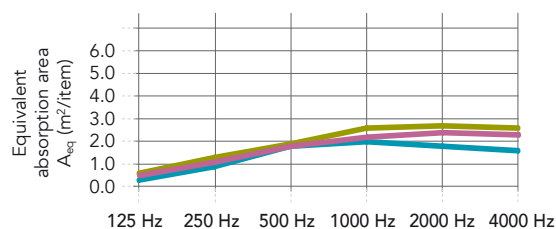
Performance



Sound absorption

A_{eq} (m²/item)

* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Square 1160 single item* (suspension height: 15mm)	0.3	0.9	1.8	2.0	1.8	1.6
Square 1160 single item* (suspension height: 500mm)	0.6	1.3	1.9	2.6	2.7	2.6
Square 1160 array of 6 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.8	2.2	2.4	2.3



Reaction to fire

A2-s1,d0



Light reflection

Colour-dependent



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity.



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

The properties presented on this datasheet cover the majority of the NCS colour selection. For detailed information on specific NCS colours please contact Rockfon Customer Service.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon Contour®





- Aesthetically superior, frameless acoustic baffles
- Very quick and easy to install
- Create strong statement ceiling design using wave shapes in playful and mood creating patterns
- Ideally suited for enhancing acoustics in thermal mass areas or where frequent and unhindered access to services is required
- Use alone or in combination with an existing acoustic ceiling to enhance the sound absorption

Product Description

- Stone wool baffle
- Surface: smooth, matt white fleece
- Edge: matt white structured paint
- 4 rectangular shapes and 3 modular wave shapes
- Suspension points integrated in the baffle

Application Areas

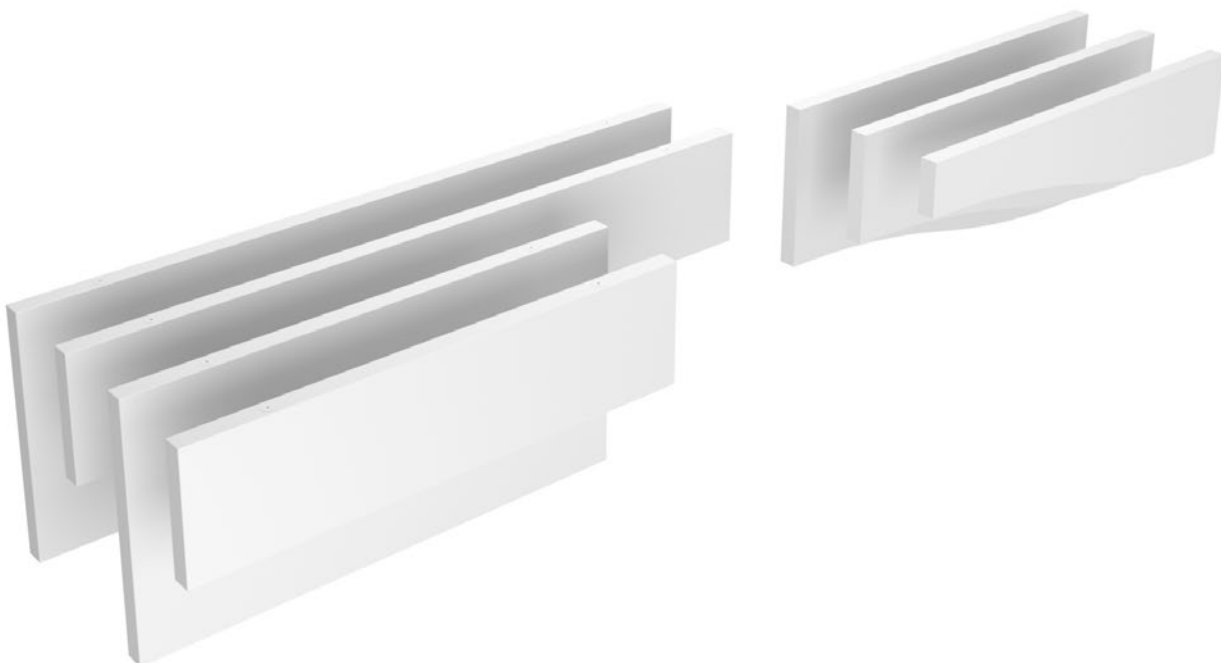
- Education
- Retail
- Healthcare
- Industry
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	Recommended installation System**	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	Rectangle 	1200 x 300 x 50	2.2	Rockfon® System Contour Baffle™	38%		6.08	7.97
		1800 x 300 x 50	3.3	Rockfon® System Contour Baffle™				
		1200 x 600 x 50	4.4	Rockfon® System Contour Baffle™				
		1800 x 600 x 50	6.5	Rockfon® System Contour Baffle™				
	Wave 	1200 x 150-300 x 50	1.7	Rockfon® System Contour Baffle™				
		1200 x 300-450 x 50	2.7	Rockfon® System Contour Baffle™				
		1200 x 450-600 x 50	3.8	Rockfon® System Contour Baffle™				

Contact us for special sizes, lead times and minimum quantities.

**We recommend not to install Rockfon Contour in areas subject to direct wind load e.g. from fans or constant drafts.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.





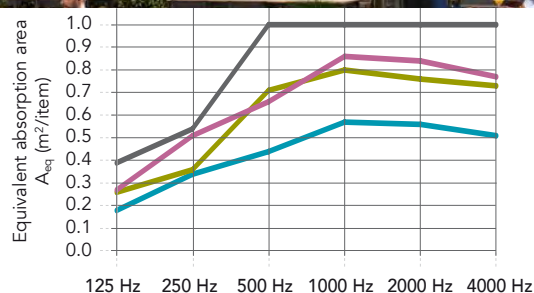
Performance



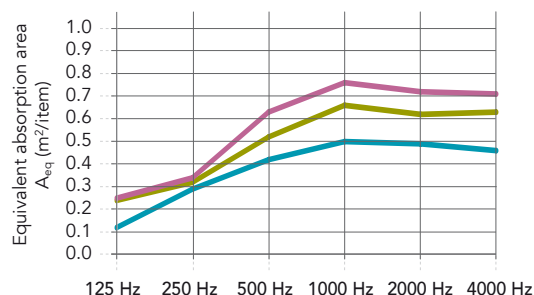
Sound absorption

A_{eq} (m²/item)

*) Values obtained on the basis of theoretical analysis. More data available on A_{eq} and α_w values. For more information, contact your local sales support



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Rectangular 1200x300x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.18	0.34	0.44	0.57	0.56	0.51
Rectangular 1200x600x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.26	0.36	0.71	0.80	0.76	0.73
Rectangular 1800x300x50 mm: single baffle (0,7 baffle/m ² ; row distance: 83 cm)*	0.27	0.51	0.66	0.86	0.84	0.77
Rectangular 1800x600x50 mm: single baffle (0,7 baffle/m ² ; row distance: 83 cm)*	0.39	0.54	1.07	1.20	1.14	1.09



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Wave 1200x150/300x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.12	0.29	0.42	0.50	0.49	0.46
Wave 1200x300/450x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.24	0.32	0.52	0.66	0.62	0.63
Wave 1200x450/600x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.25	0.34	0.63	0.76	0.72	0.71



Reaction to fire

A1



Light reflection

79%



Humidity and sag resistance

Up to 100% RH.

Rockfon Contour is not suitable for use in swimming pools or outdoors.

For more information, please contact Rockfon.



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCB certification.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon® Universal Baffle

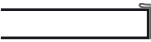



- Creative and innovative acoustic solutions, available Universal White and in 33, subtle to bold, long-lasting colours that will inspire and compliment any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Comes with a robust frame that protects the panel edges from damages
- Available with multiple suspension design possibilities

Product Description

- Panel: Smooth white fleece or pre-painted coloured, matt surface
- Frame: White or Color-all powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
2F 	1200 x 300 x 50	1.7	Rockfon® System Universal Baffle™	36%		2.91	4.06
	1200 x 450 x 50	2.4	Rockfon® System Universal Baffle™				
	1200 x 600 x 50	3.4	Rockfon® System Universal Baffle™				
4F 	1200 x 300 x 50	2.5	Rockfon® System Universal Baffle™	36%		2.91	4.06
	1200 x 450 x 50	3.2	Rockfon® System Universal Baffle™				
	1200 x 600 x 50	4.0	Rockfon® System Universal Baffle™				
	1800 x 300 x 50	3.5	Rockfon® System Universal Baffle™				
	1800 x 600 x 50	5.1	Rockfon® System Universal Baffle™				

Edge detail 2F = 2 Framed

Edge detail 4F = 4 Framed

Rockfon Universal Baffle, with 2 frames, is only available in white.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

White



Charcoal





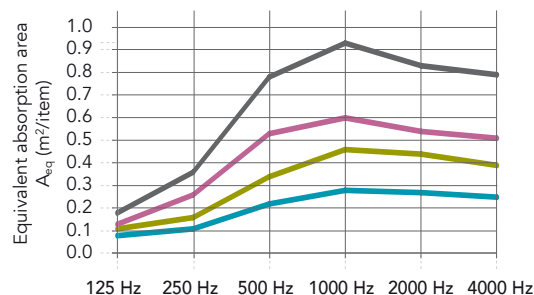
Performance



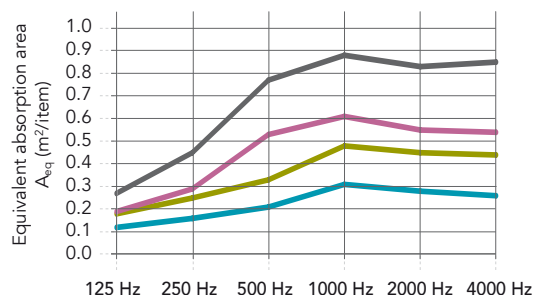
Sound absorption

A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H300	0.08	0.11	0.22	0.28	0.27	0.25
1200x300x50 (4F) - Baffles in rows, C600, H300	0.11	0.16	0.34	0.46	0.44	0.39
1200x600x50 (4F) - Baffles in rows, C600, H300	0.13	0.26	0.53	0.60	0.54	0.51
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.18	0.36	0.78	0.93	0.83	0.79



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H40	0.12	0.16	0.21	0.31	0.28	0.26
1200x300x50 (4F) - Baffles in rows, C600, H40	0.18	0.25	0.33	0.48	0.45	0.44
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.61	0.55	0.54
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.45	0.77	0.88	0.83	0.85



Reaction to fire

A2-s1,d0



Light reflection

White (77%)
Charcoal (4%)
Color-all (Colour dependent)



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Safety against failure

Class B

According to EN13964:2014



Corrosion resistance

Class B (EN13964)



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon Humitec® Baffle



- Flexible free-hanging acoustic solutions, perfect for humid or harsh indoor atmospheres or for areas that require regular cleaning
- Built to withstand humid and corrosive Class D environments
- Comes with a robust and durable frame that protects the panel edges from damages and ensures cleanliness
- Ideal for areas where frequent or unhindered access to services is required

Product Description

- Panel: Micro-textured white painted, water repellent fleece
- Frame: White powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Healthcare
- Leisure
- Industry

Edge detail	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
4F 	1200 x 450 x 50	3.4	Rockfon® System Humitec Baffle™	39%		4.09	5.21
	1200 x 600 x 50	4.2	Rockfon® System Humitec Baffle™				

Edge detail 4F = 4 Framed

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



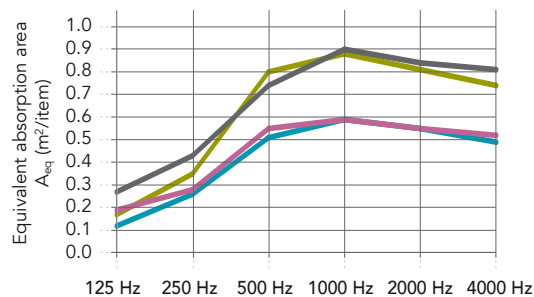
Performance



Sound absorption

A_{eq} (m²/item)

C - center distance
between baffles' rows,
H - suspension height: net
distance between baffle
and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 - Baffles in rows, C300, H300	0.12	0.26	0.51	0.59	0.55	0.49
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.17	0.35	0.80	0.88	0.81	0.74
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.28	0.55	0.59	0.55	0.52
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.43	0.74	0.90	0.84	0.81



Reaction to fire

A2-s1,d0



Light reflection

85%



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Low pressure foam cleaning
- High pressure cleaning: Max. 80 bar, min. 1 meter distance, water spread at a 30° angle
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.



Safety against failure

Class D (40°C, 95% RH)

According to EN13964:2014



Corrosion resistance

Class D (EN13964)



Clean Room

ISO Class 2



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Industrial Baffle

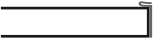

- Functional free-hanging acoustic solutions for noisy industrial environments
- Available in a natural, durable surface
- Ideal for areas where frequent or unhindered access to services is required
- Comes with a variety of quick and easy mounting options

Product Description

- Panel: Nuanced white fleece
- Frame: Hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Industry

Edge detail	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
2F 	1200 x 450 x 50	2.6	Rockfon® System Industrial Baffle™	39%		3.5	4.59
	1200 x 600 x 50	3.4	Rockfon® System Industrial Baffle™				

Edge detail 2F = 2 Framed

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



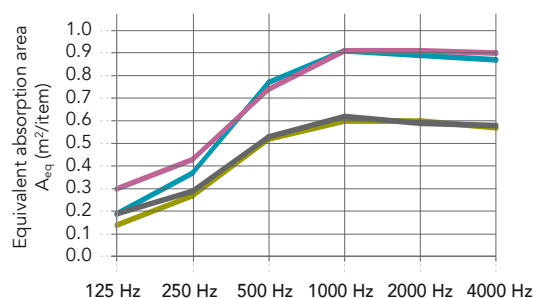
Performance



Sound absorption

A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle and the soffit



1200x600x50 (2F) - Baffles in rows, C1200, H300	0.19	0.37	0.77	0.91	0.89	0.87
1200x600x50 (2F) - Baffles in rows, C600, H300	0.14	0.27	0.52	0.60	0.60	0.57
1200x600x50 (2F) - Baffles in rows, C1200, H40	0.30	0.43	0.74	0.91	0.91	0.90
1200x600x50 (2F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.62	0.59	0.58



Reaction to fire

A2-s1,d0



Light reflection

64%



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Safety against failure

Class B

According to EN13964:2014



Corrosion resistance

Class B (EN13964)



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon® Eclipse wall panel

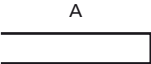


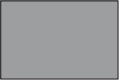



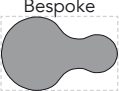
- Aesthetic, frameless acoustic wall panel suitable for offices, reception areas etc. where extra absorption combined with nice design is needed
- A smooth, deep-matt, and super-white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install with the special wall fixing kit. The fixing kit allows for the absorber to be installed in different distances from the wall creating interesting patterns

Product Description

- Stone wool panel
- Visible side: smooth, deep matt, super-white painted fleece
- Rear side: white backing fleece
- Durable painted edges

Application Areas

- Office
- Leisure
- Retail

Edge detail	Shapes	Module size (mm)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	Square 	1160 x 1160 x 40	9	Rockfon® System Eclipse Wall™	39%		6.46	8.37
	Rectangle 	1760 x 1160 x 40	13	Rockfon® System Eclipse Wall™				
	Circle 	800 x 800 x 40	3	Rockfon® System Eclipse Wall™				
		1160 x 1160 x 40	7	Rockfon® System Eclipse Wall™				
	Triangle 	1160 x 1005 x 40	4	Rockfon® System Eclipse Wall™				
	Hexagon 	1160 x 1006 x 40	6	Rockfon® System Eclipse Wall™				
	Bespoke 	1760 x 1160 x 40	9	Rockfon® System Eclipse Wall™				

Contact us for the fixation of free-form Rockfon Eclipse.

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.

Contact us for special shapes, colours, sizes, lead times and minimum quantities.

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



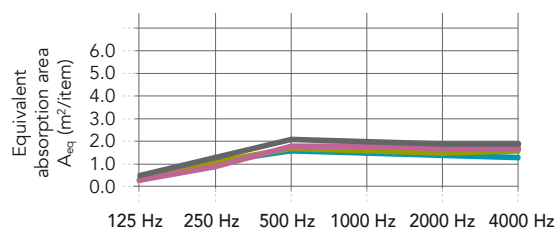
Performance



Sound absorption

A_{eq} (m²/item)

Further acoustic data available;
contact your local Rockfon technical
support



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Circle 1160mm, Direct Fixing Bracket (15 mm)	0.3	1.1	1.6	1.5	1.4	1.3
Circle 1160mm, Stepped Fixing Bracket (65 mm)	0.3	1.1	1.7	1.6	1.5	1.6
Square 1160x1160mm, Direct Fixing Bracket (15 mm)	0.3	0.9	1.8	1.8	1.7	1.7
Square 1160x1160mm, Stepped Fixing Bracket (65 mm)	0.5	1.3	2.1	2.0	1.9	1.9



Reaction to fire

A1



Light reflection and light diffusion

87% light reflection (rear side: 79%)
>99% light diffusion



Humidity and sag resistance

Up to 90% RH. There will always be some dust/dirt on the panels after some time, and with regular exposure to high humidity this could lead to fungi growth. Please avoid condensation on the panel. Rockfon Eclipse is not suitable for use in swimming pools or outdoors. For more information, please contact Rockfon.



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Visual appearance

Super-white surface
L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCB certification.

All performance properties presented in the datasheet are based uniquely on the Rockfon Blanka surface. All colours can influence product performances.

Please contact Rockfon customer service for more information.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

Rockfon VertiQ®







- Attractive and impact resistant, highly sound-absorbent acoustic wall panels (Class A) suitable for class rooms, sports activity areas and offices
- Panels can be installed full height, either horizontally or vertically with no limits to wall dimensions, providing numerous design possibilities
- Available in four colours - white, light grey, grey and black

Product Description

- Stone wool panel
- Visible side: durable fine woven surface
- Rear side: back fleece
- Painted edges

Application Areas

- Education
- Healthcare
- Industry
- Office
- Leisure

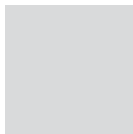
Edge detail	Module size (mm)	Approximate weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m²)*
 A HAT	1200 x 1200 x 40	5.2	Rockfon® System VertiQ® HAT A Wall	51%		4.66	6.12
	2700 x 1200 x 40		Rockfon® System VertiQ® HAT A Wall				
 A24	1200 x 1200 x 40	5.2	Rockfon® System VertiQ® T24 A Wall	51%		4.66	6.12
	2700 x 1200 x 40		Rockfon® System VertiQ® T24 A Wall				
 C	2400 x 600 x 40	6.4	Rockfon® System VertiQ® C Wall	51%		4.66	6.12

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

White



Light grey

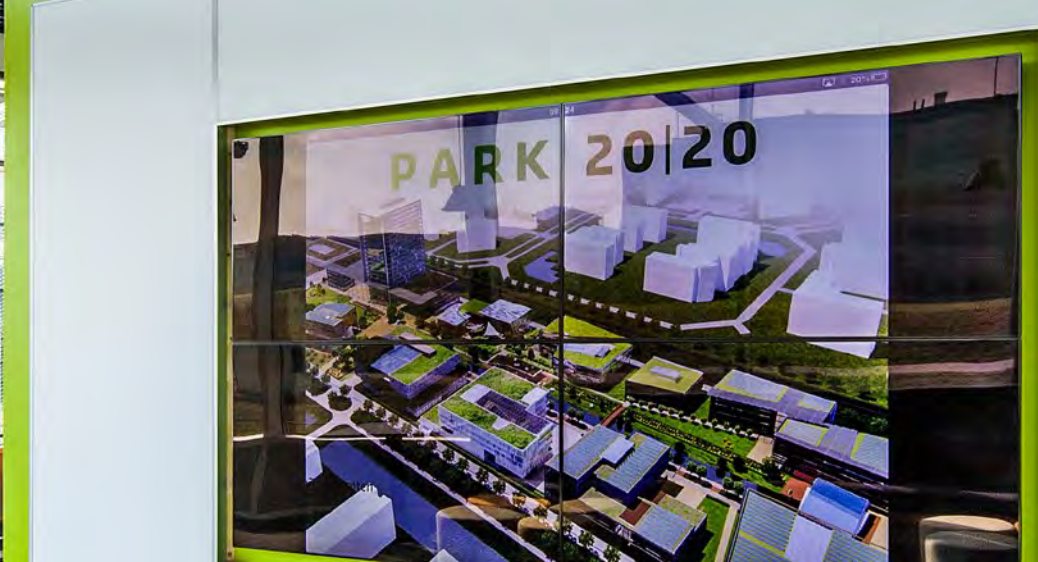


Grey



Black

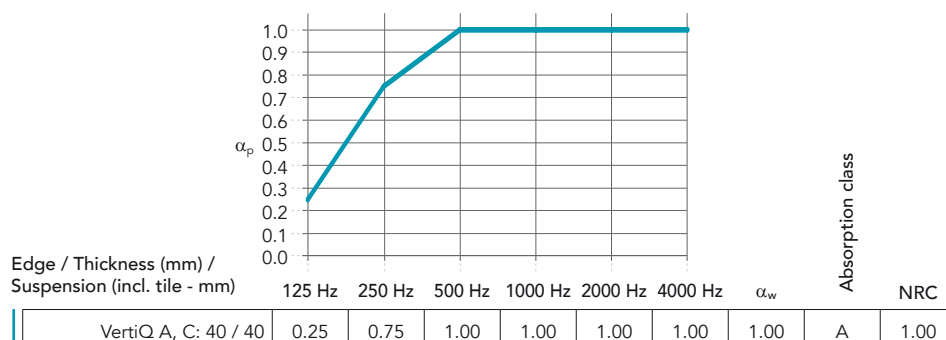




Performance



Sound absorption
 α_w : 1.00 (Class A)



Reaction to fire
 A2-s1,d0



Light reflection
 White 72%
 Lightgrey 61%
 Grey 33%
 Black 5%



Humidity and sag resistance
 Up to 100% RH.
 VertiQ C in Rockfon System VertiQ C Wall can be used in swimming pools provided it is not exposed to condensation, splashing water or water droplets. For more information, please contact Rockfon



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Impact Resistance
 The woven surface of Rockfon VertiQ panels provides enhanced resistance to perforation, tested in accordance with NF P 08-301.



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon Canva® Floor screen

- Rockfon Canva Floor Screens are a flexible approach to improve acoustics in spaces with zones and shielded areas while still allowing for focus and creativity
- Size and print can be customised to suit the user's mood, room purpose, or brand preference
- Detachable, washable and replaceable canvas
- Choose from our 34 inspirational Colours of Wellbeing range or design your own graphic layout for that personal touch
- Panels arrive fully assembled, so installation is fast and easy by securing the feet to the panel frame
- Rockfon Canva is a design cooperation with Danish acoustic design company Akuart

Product Description

- Absorber: 40 mm stone wool absorber
- Frame: 61 mm powder coated matt aluminium frame
- Surface: printed textile
- Three steel base options: flat, elevated and with wheels

Application Areas

- Office
- Education
- Leisure
- Healthcare

Module size (Width x Height x Depth) (mm)	Weight (kg/unit)
1000 x 1300 x 61	10
1200 x 1800 x 61	15
1700 x 1300 x 61	17

Frame depth is always 61mm. Possibility to customize panel sizes on demand.

Minimum size (W x H): 800 x 1000

Maximum size: (W x H): 2400 x 2000

Steel base options

Flat, elevated and wheel steel bases are available in two colours matching the frame.



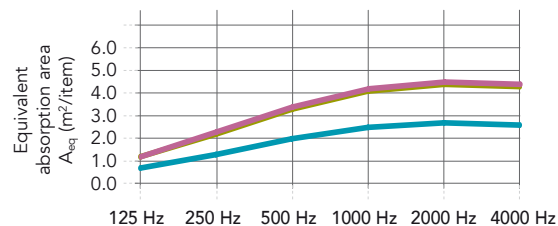


Performance



Sound absorption

A_{eq} (m²/item)



Screen sound attenuation

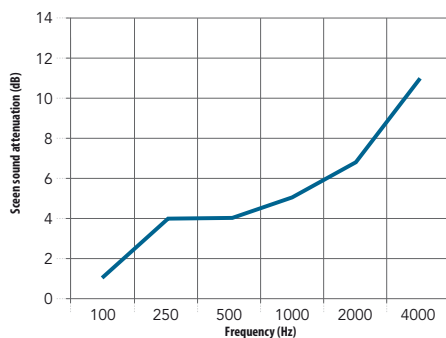
Screen sound attenuation measure the reduction in sound (sound pressure level) between a source and listener with a screen in-between. The screen sound attenuation (reduction) is expressed in decibel dB(A).

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1,30 m ² (1,00 x 1,30 m) (calculated value)	0.70	1.30	2.00	2.50	2.65	2.60
2,16 m ² (1,20 x 1,80 m) (measured value)	1.15	2.20	3.30	4.10	4.35	4.30
2,21 m ² (1,70 x 1,30 m) (calculated value)	1.20	2.25	3.35	4.20	4.50	4.40

Total size of test object: 3,40 x 1,30m

Frequency (Hz)	Screen sound attenuation (dB)
125	1
250	4
500	4
1000	5
2000	7
4000	11

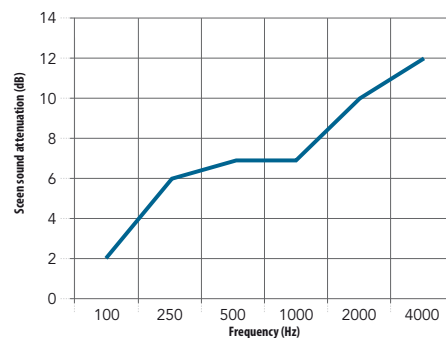
ΔL_s	5
$\Delta L_{s,w}$	4



Total size of test object: 4,80 x 1,80m

Frequency (Hz)	Screen sound attenuation (dB)
125	2
250	6
500	7
1000	7
2000	10
4000	12

ΔL_s	7
$\Delta L_{s,w}$	7



Reaction to fire

B-s1,d0
Based on EN 13501-1



Cleaning

- Frame: Vacuum, damp cloth, and low pressure foam cleaning
- Canvas: Vacuum, damp cloth, and washing in normal machine wash cycle up to 70 degrees



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Material Health

All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

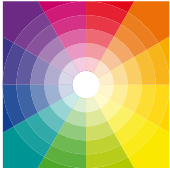
Frame colours



Canvas colours



Custom graphic options



Contact your local Rockfon partner to get your choice of image, artwork, graphic design or other visual layout on the canvas surface in high resolution quality print.



All standard colours are printed on the textile with a texture weave pattern. The Canva surface colours are close textile colour matches to the Rockfon Color-All products. Colours may vary slightly between different production batches. Reproduction of colours may vary between print and reality. Please note that black frames combined with light coloured canvas can create a shadow effect close to the Canva. Surface textile in 'Mercury' colour does not have a metallic appearance.

Wall panel: The Rockfon Canva textile has a "visual direction". This means that the colours might differ depending on whether the element is hung in vertical or horizontal orientation.



Rockfon Canva® Wall panel

- Rockfon Canva Wall Panel is a versatile solution for improving acoustics in a variety of environments
- Size and print can be customised to suit the user's mood, room purpose, or brand preference
- Detachable, washable and replaceable canvas
- Choose from our 34 inspirational Colours of Wellbeing range or design your own graphic layout for that personal touch
- Panels arrive fully assembled, so installation is fast and easy
- High performing product with a long performance life
- Rockfon Canva is a design cooperation with Danish acoustic design company Akuart

Product Description

- Absorber: 40 mm stone wool absorber
- Frame: 61 mm powder coated matt aluminum frame
- Surface: printed textile

Application Areas

- Education
- Healthcare
- Leisure
- Office
- Retail

Module size (Width x Height x Depth) (mm)	Weight (kg/unit)
1200 x 900 x 61	8,5
1800 x 1200 x 61	14,5
2400 x 1200 x 61	18,5
900 x 1800 x 61	12,0

Frame depth is always 61 mm. Possibility to customize panel sizes on demand.

Minimum size (W x H): 600 x 600 mm

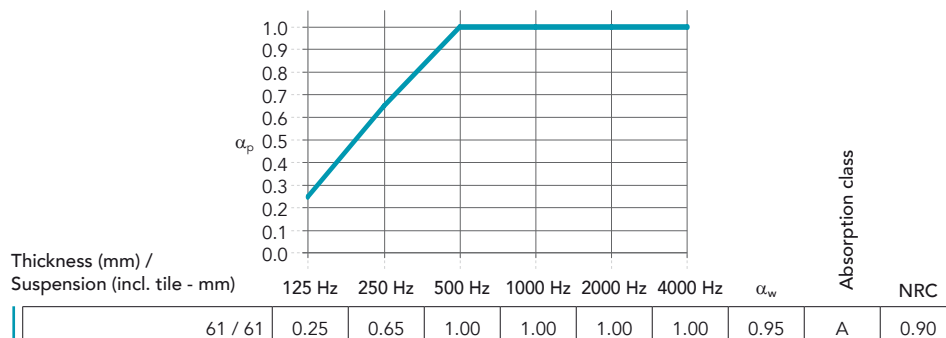
Maximum size: (W x H): 4000 x 1800 mm



Performance



Sound absorption
 α_w : 0.95 (Class A)



Reaction to fire
 B-s1,d0
 Based on EN 13501-1



Cleaning

- Frame: Vacuum, damp cloth, and low pressure foam cleaning
- Canvas: Vacuum, damp cloth, and washing in normal machine wash cycle up to 70 degrees



Hygiene
 Stone wool provides no sustenance to microorganisms



Impact resistance
 Rockfon Canva Wall Panel has been tested for impact resistance in accordance with EN 13964-Annex D and fulfills the Impact Resistance requirements for class 2A



Recyclability
 Fully recyclable stone wool

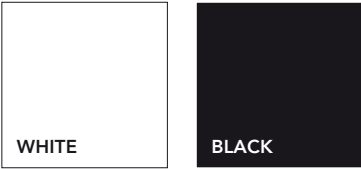


Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

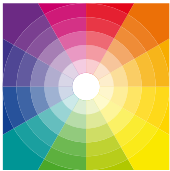
Frame colours



Canvas colours



Custom graphic options



Contact your local Rockfon partner to get your choice of image, artwork, graphic design or other visual layout on the canvas surface in high resolution quality print.



All standard colours are printed on the textile with a texture weave pattern. The Canva surface colours are close textile colour matches to the Rockfon Color-All products. Colours may vary slightly between different production batches. Reproduction of colours may vary between print and reality. Please note that black frames combined with light coloured canvas can create a shadow effect close to the Canva. Surface textile in 'Mercury' colour does not have a metallic appearance.

Wall panel: The Rockfon Canva textile has a "visual direction". This means that the colours might differ depending on whether the element is hung in vertical or horizontal orientation.



Rockfon® Lamella

- Patented modular platform provides over 650,000 different design possibilities in just one system
- Complimentary wood veneers can be combined to create attractive aesthetical expressions
- Contrasting lamella widths and profile heights let you experiment with diverse relief patterns and interspacing ideas
- Reduction of wall-based reverberation reduces occupant stress levels, improving concentration & performance
- Use of natural materials & colours reconnects building occupants with the outside world

Product Description

Rockfon Lamella unit dimension:

2418mm x 2474mm (W x L)

Rockfon Lamella Slats are available in three wood veneer finishes:

1. Light Oak
2. Oak
3. Smoked Oak

Application Areas

- Office
- Leisure
- Education
- Retail

Rockfon Lamella Slats are available in three dimensions:



















34mm wide x 30mm high

39mm wide x 21mm high

44mm wide x 12mm high

Rockfon Lamella Slats are available in 2474mm length (only).

- 40mm thick stone wool panels in charcoal black (NCS S 8500-N) provide superior sound absorption.
- System is straight-forward to install, thanks to the patented modular platform and clip-based attachment system.
- The complete system is pre-certified for all relevant performance declarations.

Product group	Product image	Component description	Length x Width x Height (mm)	Pcs per pack	Kg per pack
LAM GR		Rockfon Lamella Guiding Ruler	458 x 40 x 40	1	0,34
LAM BS		Rockfon Lamella Horizontal Profile - Bottom Spacer	35 x 30 x 15,3	10	0,1
LAM CON		Rockfon Lamella Horizontal Profile - Middle Connector Bracket	66 x 24,95 x 2	10	0,4
		Rockfon Lamella Vertical End Profile - End Connector Bracket	59,6 x 25 x 24,6	10	0,4
		Rockfon Lamella Mounting Clip	29,9 x 20,5 x 13,3	200	1,03
LAM MID		Rockfon Lamella Horizontal Profile - Middle	2400 x 45 x 51,8	3	4,22
LAM TB		Rockfon Lamella Horizontal Profile - Top/Bottom	2400 x 45 x 51,6	2	2,92
LAM END		Rockfon Lamella Vertical End Profile - Left/Right	2474 x 44,7 x 9	2	1,12
LAM 44		Rockfon Lamella Slat Smoked Oak 2474 44 12	2474 x 44 x 12	10	6
		Rockfon Lamella Slat Light Oak 2474 44 12		10	6
		Rockfon Lamella Slat Oak 2474 44 12		10	6
LAM 39		Rockfon Lamella Slat Smoked Oak 2474 39 21	2474 x 39 x 21	10	11,2
		Rockfon Lamella Slat Light Oak 2474 39 21		10	11,2
		Rockfon Lamella Slat Oak 2474 39 21		10	11,2
LAM 34		Rockfon Lamella Slat Smoked Oak 2474 34 30	2474 x 34 x 30	10	13,8
		Rockfon Lamella Slat Light Oak 2474 34 30		10	13,8
		Rockfon Lamella Slat Oak 2474 34 30		10	13,8
		Rockfon Lamella Sound Absorbing Panel Charcoal	600 x 600 x 40	8	18,6

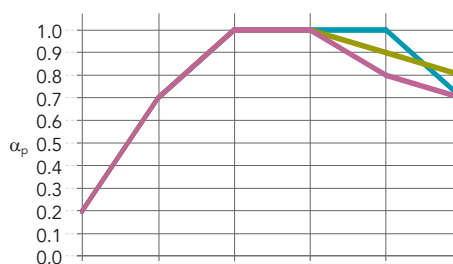


Performance



Sound absorption

α_w : up to 0.90 (Class A)
(Complete system tested)



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Rockfon Lamella 34x30 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	1.00	0.70	0.90	A	-
Rockfon Lamella 39x21 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	0.90	0.80	0.90	A	-
Rockfon Lamella 44x12 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	0.80	0.70	0.85	B	-



Reaction to fire

B-s2, d0 for Rockfon Lamella with 39x21 slats.
C-s2,d2 for Rockfon Lamella with 44x12 and 34x30 slats.
(Complete system tested)



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Recyclability

Fully recyclable stone wool



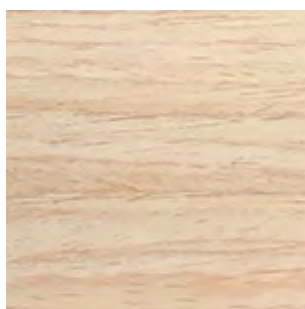
Indoor environment

Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).

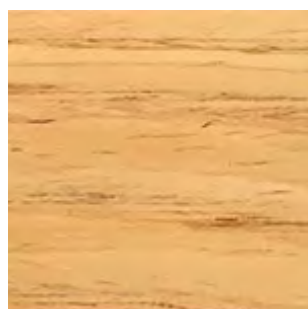


Material Health

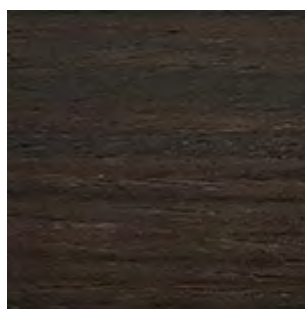
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.



Light Oak



Oak



Smoked Oak

Rockfon Hub®

- The platform brings multipurpose flexibility to your interiors by creating breakout spaces where people can think, work or talk in peace
- The soft island shapes can be enhanced with a felt frame cover, mood lighting and curtains to create calm or cosy areas where people can work productively without disturbance
- Rockfon Hub is delivered as a complete kit contributing to easy and hassle-free installation

Product Description

Rockfon Hub is available in 4 dimensions:

3000 x 4800mm (small) - weight 82.4kg

3600 x 4200mm (medium) - weight 80.1kg

4800 x 4800mm (large) - weight 118.4kg

4800 x 7200mm (extra large) - weight 160.7kg

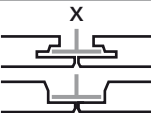














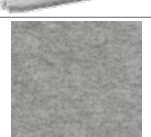

Black anodized frame in an organic shape.

Felt in three different colors: light grey, dark grey, white.

Pre-selected concealed tiles: white with Rockfon Blanka or colours with Rockfon Color-all.

Application Areas

- Office
- Leisure
- Education
- Retail

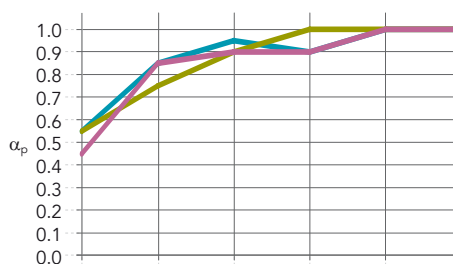
Product group	Product image	Component description	Length x Width x Height (mm)	Pcs per pack	Kg per pack
		Rockfon Blanka®	600 x 600 x 22	10	13,3
		Rockfon Color-all®		10	13,3
HUB FRS		Frame Profile Straight	3000 x 35 x 110	2	13,8
			1800 x 35 x 110	2	8,2
			3600 x 35 x 110	2	16,5
			2400 x 35 x 110	2	11
HUB FRC		Frame Profile Corner	1066 x 35 x 110	4	9,8
HUB CAS		Carrier Profile	3576 x 40 x 40	1	7,2
			2976 x 40 x 40	1	6
			1200 x 40 x 40	1	2,4
			868 x 40 x 40	1	1,8
HUB CON		Frame Profile Coupling			
HUB SCREW M6		Coupling Screw			
HUB CON		Profile Connector			
		Inter Connector R			
		Intersection Clip			
HUB HHSS		M6 Hammer Head Screw			
HUB WIRE		Vertical Wire Set			
		Bracing Wire Set			
HUB GLI		Curtain Rollers			
T24 MR CL&HK		Main runner T24 Click / Hook	3600 x 24 x 38	15	19,5
T24 CT CLICK		Cross tee T24 Click	600 x 24 x 38	45	8,2
HUB FELT		Felt Cover			
HUB MOLD		Cutting template		1	0,5



Performance



Sound absorption
 α_w : 0.95 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Blanka X: 22 / 200	0.55	0.85	0.95	0.90	1.00	1.00	0.95	A	0.95
Blanka X: 22 / 1000	0.55	0.75	0.90	1.00	1.00	1.00	0.95	A	0.95
Color-all X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95



Reaction to fire
 A1
 (tiles and grid components)



Recyclability
 Fully recyclable stone wool



Cleaning
 - Vacuum



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1).



Hygiene
 Stone wool provides no sustenance to microorganisms



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.



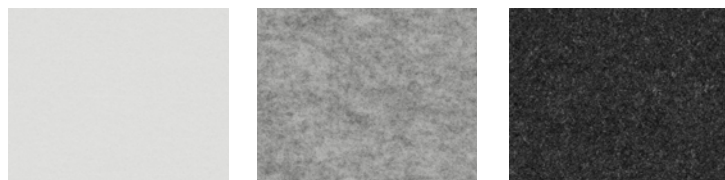
Load Bearing Capacity
 17 kg/m²

Colours

Stone - 01 NCS S 2000-N	Charcoal - 09 NCS S 8500-N	Anthracite - 08 NCS S 7010-R90B	Concrete - 06 NCS S 6000-N	White NCS S 0500-N
Storm - 48 NCS S 6020-R90B	Azure - 47 NCS S 3020-B	Sage - 31 NCS S 3010-G10Y	Eucalyptus - 32 NCS S 6020-B90G	

NCS codes are closest colour match. The actual colour of the islands may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool.

Felt Cover




White

Light grey

Dark grey

A close-up photograph of a metal suspension grid system. The image shows several intersecting metal beams, some with a white powder-coated finish and others with a galvanized steel texture. A small circular hole is visible in one of the galvanized beams. The background is a blurred, textured surface, likely concrete.

Suspension grids



Our Chicago Metallic suspension grids are divided into eight categories, providing a wide choice of high performance solutions designed to resist corrosion and fire. Available as standard or modified with accessories to fit any need, they are the go-to choice for contractors who want to keep tiles secure and make installation simple.

Standard Grids

Our standard grids are designed for strong, fast and accurate installation that can be easily demounted time and again.

Design & Colored Grids

Our design range offers a visible 'box' grid with a clear recess between the ceiling tiles, allowing for the easy integration of partition walls, track lighting and signs. Our colour grids range allows for colour matching or contrasting between grids and tiles.

Bandraster

A bandraster is an exposed grid system that allows for a more flexible design due to the way a ceiling system can be constructed in linear, square or rectangular shapes.

Wall Angles

Our wall angles provide an even finish to the ceiling installation, connecting the walls and ceilings with a smooth and aesthetic appearance.

Trims and Transitions

Use our transitions to create smooth conversions between suspended and boarded ceilings.

Long Span

A durable solution for ceilings spanning wall-to-wall or where suspension possibilities are limited.

Special Applications

We offer sustainable and innovative products designed specifically for the specialist demands of our clients.

Accessories

Our suspension grid accessories range provides the ability to fully enrich the ceiling setup, enhancing both aesthetics and the acoustic environment.

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Suspension grids

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of Chicago Metallic™ grids and accessories 141

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ACCESSORIES

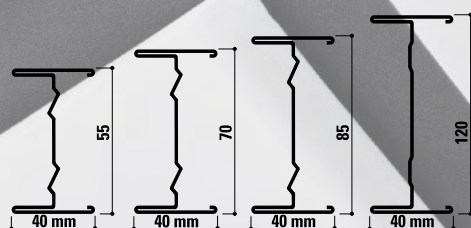
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TRIMS AND TRANSITIONS

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Chicago Metallic™ F Profiles 212
Chicago Metallic™ Infinity® 213
Chicago Metallic™ Screenline 214

- 40 mm wide I-shaped profiles for primary constructions
- Specifically designed accessories for fast and safe connections
- Available heights from 55 mm up to 120 mm to accommodate various long span distances and load requirements
- Ideal for creating primary support where traditional suspension is not possible

Cross-section



Understanding the performance of Chicago Metallic grids and accessories



Reaction to fire

Reaction to fire is classified in accordance with EN 13501-1. Chicago Metallic steel grids and accessories are non-combustible.



Fire resistance

A range of Chicago Metallic steel grids are tested in combination with different Rockfon tiles and are classified in accordance with European norm EN 13501-2 and/or national norms.



Colours

Chicago Metallic grids are available in various colours based on the RAL and NCS systems measured in accordance with the ISO 7724-2 and ISO 7724-3 standards. The actual colours may deviate slightly from the close RAL and NCS references. Chicago Metallic grids are available in low, medium and high gloss finishings with a respectively average value of 5, 15 and 50 units. Gloss is measured according to EN 13523 part 2 under an angle of 60°.



Corrosion resistance

Chicago Metallic products produced from hot dip galvanised steel following the Sendzimir process comply with the corrosion classes of the product standard EN 13964 (A, B, C, D). The standard systems in class B are protected with 100 g/m² zinc evenly applied on both sides. The enhanced corrosion resistance (ECR) systems and accessories in class C or D have respectively a layer of 100 g/m² and 275 g/m² zinc evenly applied on both sides and are protected with an additional layer of 20 micron paint per side.



Load bearing performance

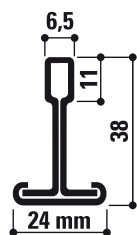
The load bearing performance (max. kg/m² load applicable to the grid system without exceeding the allowable deflection of the individual components) is tested in accordance with the EN 13964 standard. The accumulative value of the system deflection, shown on the data sheets, does not exceed the max. deflection as given in class 1 of the standard. Special project configurations deviating from the standard module sizes mentioned in the data sheets must be calculated by Rockfon technical services.

04/2025 | Subject to alterations in range and product technology without prior notice.
Rockfon accepts no responsibility for printing errors.

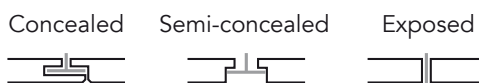
Chicago Metallic T24 Click 2890

- 24mm grid with universal main runner and joggled end cross tees
- 38mm high components for better load bearing and compatibility with accessories
- Used to create concealed, semi-concealed and exposed ceiling solutions
- An audible 'click' for fast and accurate installations

Cross-section



Compatible tiles




















Coupling

Joggled end



Assortment

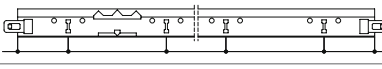

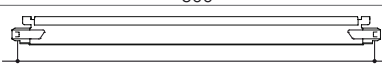
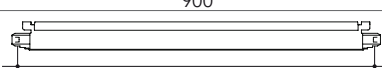
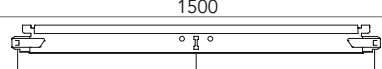
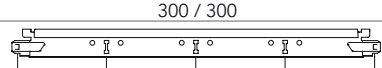
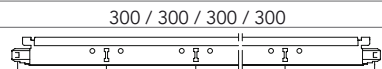
Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24 MR CL&HK		Main runner T24 Click / Hook	38	3600		15	54	19.5
Cross tee								
T24 CT CLICK		Cross tee T24 Click	38	300	Color-All, 04, 88, 001, 901, 11	150	45	13.1
T24 CT CLICK			38	900	Color-All, 04, 88, 001, 901, 11	50	45	13.1
T24 CT CLICK			38	1500	Color-All, 04, 88, 001, 901, 11	50	75	26.4
T24 CT CLICK			38	600	Color-All, 04, 88, 001, 901, 16, 534, 57, 14, 54, 11	45	27	8.2
T24 CT CLICK			38	1200		45	54	15.7
T24 CT CLICK			38	1800		25	45	16.2
Wall angle options								
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
L19x24		L-wall angle 24x19 mm colour	24	3050	Color-All, 04, 88, 901, 11	40	122	23
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
QH HH 320		Assembled quick hanger with 2 hooks				100		5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
TR M6		Threaded rod M6 / L=1000 mm		1000		100		16.7
NUT M6		Nut M6				100		0.2
SS M6		Spacer sleeve M6				100		0.8
FC M6		Universal fixation clip / L=90 mm		90		100		1.5

Contact Rockfon® for the full range of wall angles and accessories.

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 MR CL&HK	Main runner T24 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 CT CLICK	Cross tee T24 Click	38	300	0	 300
T24 CT CLICK		38	900	0	 900
T24 CT CLICK		38	1500	0	 1500
T24 CT CLICK		38	600	1	 300 / 300
T24 CT CLICK		38	1200	3	 300 / 300 / 300 / 300
T24 CT CLICK		38	1800	5	 300 / 300 / 3 x 300 / 300

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.9
1200	1800 x 600	3.3	5.7



Reaction to fire

A1 / A2-s1,d0 (Color-all)



Corrosion resistance

B



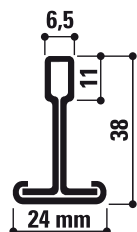
Environment

Fully Recyclable

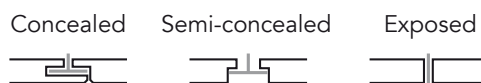
Chicago Metallic T24 Hook 2850

- 24mm grid with universal main runner and butt-cut cross tee connections
- 38mm high components for better load bearing and compatibility with accessories
- A strong and stable grid which can be easily demounted time and again
- Used to create concealed, semi-concealed and exposed ceiling solutions

Cross-section

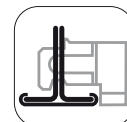


Compatible tiles







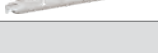













Coupling

Butt-cut end



Assortment

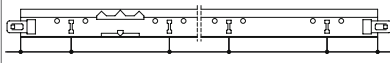
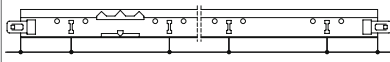
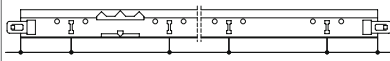
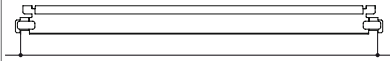
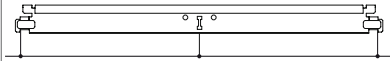
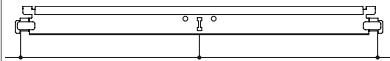
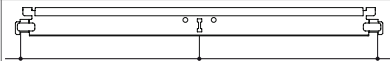
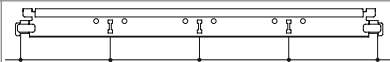
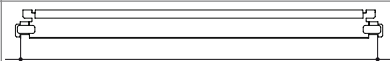
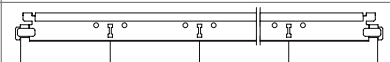

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24 MR CL&HK		Main runner T24 Click / Hook	38	3600		15	54	19.5
T24 MR CL&HK			38	2400	001	25	60	21.3
T24 MR CL&HK			38	4050	11, 001, 901	25	101.25	36
Cross tee								
T24 CT HOOK		Cross tee T24 Hook	38	300	04, 88, 001, 901	150	45	13.1
T24 CT HOOK			38	675	001, 901	75	50.63	14.7
T24 CT HOOK			38	600	04, 88, 11, 001, 901	45	27	8.2
T24 CT HOOK			38	1350	001, 901	50	67.5	19.6
T24 CT HOOK			38	1200	04, 88, 11, 001, 901	45	54	15.7
T24 CT HOOK			38	1500	04, 88, 001, 901	50	75	26.4
T24 CT HOOK			38	1800	04, 88, 11, 001, 901	25	45	16.2
Wall angle options								
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
L19x24		L-wall angle 24x19 mm colour	24	3050	Color-All, 04, 88, 901, 11	40	122	23
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
QH HH 320		Assembled quick hanger with 2 hooks				100		5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
TR M6		Threaded rod M6 / L=1000 mm		1000		100		16.7
NUT M6		Nut M6				100		0.2
SS M6		Spacer sleeve M6				100		0.8
FC M6		Universal fixation clip / L=90 mm		90		100		1.5

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Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 MR CL&HK	Main runner T24 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 MR CL&HK		38	2400	24	 50 / 100 / 22 x 100 / 50
T24 MR CL&HK		38	4050	24	 84,375 / 168,75 / 22 x 168,75 / 84,375
T24 CT HOOK	Cross tee T24 Hook	38	300	0	 300
T24 CT HOOK		38	675	1	 337,5 / 337,5
T24 CT HOOK		38	600	1	 300 / 300
T24 CT HOOK		38	1350	1	 675 / 675
T24 CT HOOK		38	1200	3	 300 / 300 / 300 / 300
T24 CT HOOK		38	1500	0	 1500
T24 CT HOOK		38	1800	5	 300 / 300 / 3 x 300 / 300
T24 CT HOOK		38	1800	5	 300 / 300 / 3 x 300 / 300

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.9
1200	1800 x 600	3.3	5.7
1200	675 x 675	6.4	10.8
1200	1350 x 675	7.2	11.9
1350	675 x 675	5.2	8.8
1350	1350 x 675	5.8	9.7



Reaction to fire

A1 / A2-s1,d0 (Color-all)



Corrosion resistance

B



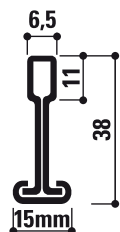
Environment

Fully Recyclable

Chicago Metallic T15 Click 2790

- 15mm grid with universal main runner and joggled end cross tees with an audible 'click' for fast and accurate installations
- 38mm high components for better load bearing and compatibility with accessories
- A strong and stable grid which can be easily demounted time and again
- Used for creating more discreet grid lines in the ceiling finish

Cross-section



Compatible tiles

Semi-concealed



Exposed



Coupling

Joggled end

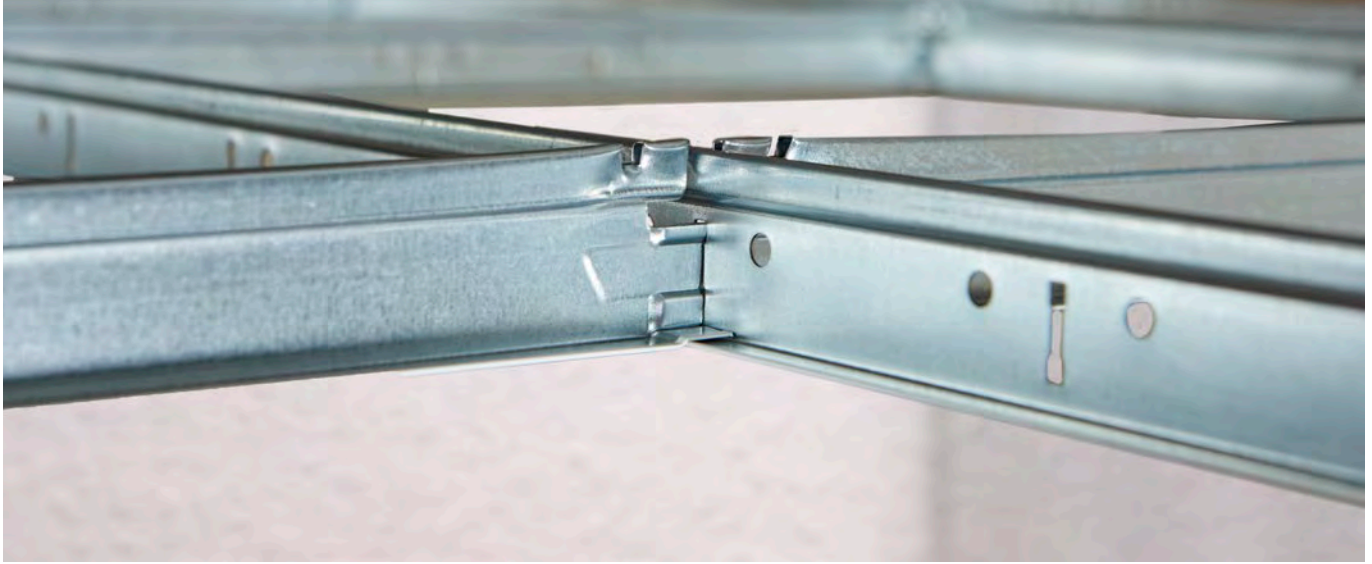


Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T15 MR CL&HK		Main runner T15 Click / Hook	38	3600	Color-All, 04, 88, 001, 901, 11	15	54	17.1
Cross tee								
T15 CT CLICK		Cross tee T15 Click	38	600	Color-All, 04, 88, 001, 901, 11	45	27	7.1
T15 CT CLICK			38	1200	Color-All, 04, 88, 001, 901, 11	45	54	13.7
Wall angle options								
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
L19x24		L-wall angle 24x19 mm colour	24	3050	Color-All, 04, 88, 901, 11	40	122	23
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
QH HH 320		Assembled quick hanger with 2 hooks				100		5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
TR M6		Threaded rod M6 / L=1000 mm		1000		100		16.7
NUT M6		Nut M6				100		0.2
SS M6		Spacer sleeve M6				100		0.8
FC M6		Universal fixation clip / L=90 mm		90		100		1.5

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T15 MR CL&HK	Main runner T15 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50
T15 CT CLICK	Cross tee T15 Click	38	600	1	 300 / 300
T15 CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	8.1	13.5
1200	1200 x 600	8.9	14.6



Reaction to fire

A1 / A2-s1,d0 (Color-all)



Corrosion resistance

B



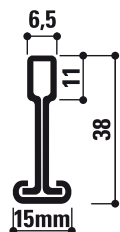
Environment

Fully Recyclable

Chicago Metallic T15 Hook 2750

- 15 mm grid with a universal main runner and butt-cut cross tees
- Fully 38 mm high for better load bearing and compatibility with accessories
- A strong and stable grid which can be easily demounted repeatedly
- Used for creating more discreet grid lines in the ceiling finish

Cross-section



Compatible tiles

Semi-concealed



Exposed









Coupling

Butt-cut end



Assortment

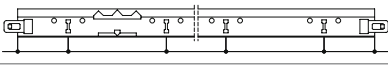
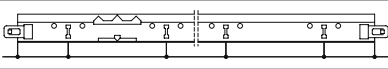
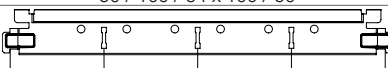
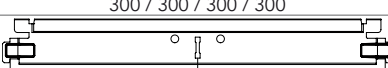
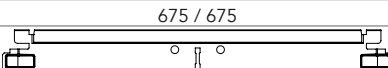
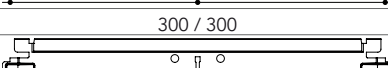
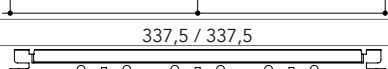
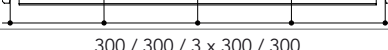
Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T15 MR CL&HK		Main runner T15 Click / Hook	38	2700	001, 901	30	81	25.5
T15 MR CL&HK			38	3600	Color-All, 04, 88, 001, 901, 11	15	54	17.1
Cross tee								
T15 CT HOOK		Cross tee T15 Hook	38	1200	04, 88, 11, 001, 901	45	54	13.7
T15 CT HOOK			38	1350	04, 88, 001, 901	30	40.5	10.5
T15 CT HOOK			38	600	04, 88, 11, 001, 901	45	27	7.1
T15 CT HOOK			38	675	04, 88, 001, 901	75	50.63	13
T15 CT HOOK			38	1800	001	30	54	20.8
Wall angle options								
L19x24		L-wall angle 24x19 mm colour	24	3050	Color-All, 04, 88, 901, 11	40	122	23
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
QH HH 320		Assembled quick hanger with 2 hooks				100		5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
TR M6		Threaded rod M6 / L=1000 mm		1000		100		16.7
NUT M6		Nut M6				100		0.2
SS M6		Spacer sleeve M6				100		0.8
FC M6		Universal fixation clip / L=90 mm		90		100		1.5

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Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T15 MR CL&HK	Main runner T15 Click / Hook	38	2700	16	 84,375 / 168,75 / 14 x 168,75 / 84,375
T15 MR CL&HK		38	3600	36	 50 / 100 / 34 x 100 / 50
T15 CT HOOK	Cross tee T15 Hook	38	1200	3	 300 / 300 / 300 / 300
T15 CT HOOK		38	1350	1	 675 / 675
T15 CT HOOK		38	600	1	 300 / 300
T15 CT HOOK		38	675	1	 337,5 / 337,5
T15 CT HOOK		38	1800	5	 300 / 300 / 3 x 300 / 300
T15 CT HOOK		38	1800	5	 300 / 300 / 3 x 300 / 300

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	8.1	13.5
1200	1200 x 600	8.9	14.7



Reaction to fire

A1



Corrosion resistance

B



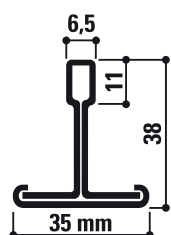
Environment

Fully Recyclable

Chicago Metallic T35 Hook 650

- 35 mm grid with a knuckle-joint main runner coupling and butt-cut cross tees
- Fully 38 mm high for better load bearing and compatibility with accessories
- A strong and equal grid which can be easily demounted repeatedly
- Fire resistant grid according to national and European requirements
- Used for creating industrial ceilings with large sized and heavy panels
- System can be combined with 75 mm double height system

Cross-section



Compatible tiles


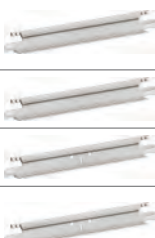





Coupling

Butt-cut end



Assortment

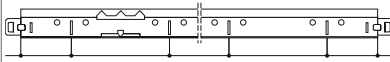
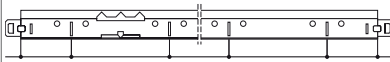
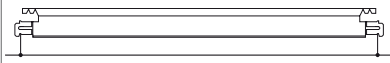
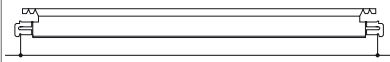
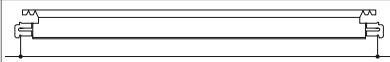
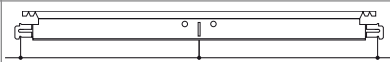
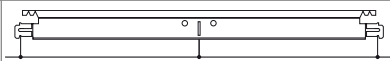
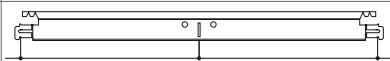

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T35 MR HOOK		Main runner T35 Hook	38	3200	04, 00, 88, 001	15	48	20.2
T35 MR HOOK			38	3600	04, 00, 88, 001	15	54	22.8
Cross tee								
T35 CT HOOK		Cross tee T35 Hook	38	1500	04, 00, 88, 001	40	60	24.5
T35 CT HOOK			38	1506.25	04, 00, 88, 001	40	60.25	24.6
T35 CT HOOK			38	1995	04, 00, 88, 001	15	29.93	12.7
T35 CT HOOK			38	600	04, 00, 88, 001	50	30	12.3
T35 CT HOOK			38	1000	04, 00, 88, 001	40	40	16.3
T35 CT HOOK			38	1200	04, 00, 88, 001	40	48	19.6
Wall angle options								
L30x30		L-wall angle 30x30 mm	30	3050	001	25	76.25	23.3
Accessories								
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	57.5			100		1.5
HDC 6 P2		Steel hold down spring combinable with holddown clip HDC 6 P1				100		2.7
HDC 6 P1		Steel hold down clip for tile thickness 45-110 mm (A edge) (to be combined with HDC 6 P2)				100		0.9
QH HH 140		Assembled quick hanger with 2 hooks				100		3.6

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T35 MR HOOK	Main runner T35 Hook	38	3200	32	 50 / 100 / 30 x 100 / 50
T35 MR HOOK		38	3600	18	 100 / 200 / 16 x 200 / 100
T35 CT HOOK	Cross tee T35 Hook	38	1500	0	 1500
T35 CT HOOK		38	1506.25	0	 1506,25
T35 CT HOOK		38	1995	0	 1995
T35 CT HOOK		38	600	1	 300 / 300
T35 CT HOOK		38	1000	1	 500 / 500
T35 CT HOOK		38	1200	1	 600 / 600
T35 CT HOOK		38	1200	1	 600 / 600

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	11.8	19.9
1200	1200 x 600	13.0	21.5
1200	1500 x 1000	4.7	7.9
1500	1500 x 1000	3.2	5.6



Reaction to fire

A1 / A2-s1,d0 (Color-all)



Corrosion resistance

B



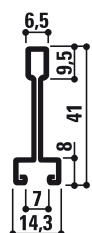
Environment

Fully Recyclable

Chicago Metallic Ultraline 3500

- Creates a narrow recess in the grid for an aesthetic, "designer" ceiling
- The narrow recess and crisply mitred intersections result in flawless continuous lines and an aesthetically pleasing smooth and level appearance
- Available in Standard White 001 or black 08 on both sides of the grid
- Also available in combinations of grey/black or white/black for a colour contrast
- Functional recess allows for the easy integration of partitions, track lighting and signage

Cross-section



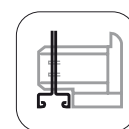
Compatible tiles

Exposed



Coupling

Butt-cut end



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
UL MR		Ultraline main runner white	41	3600	8GB, 8BB, 8WB, 8WW	20	72	28.9
Cross tee								
UL CT		Ultraline cross tee - without slots	41	1200	8GB, 8BB, 8WB, 8WW	40	48	18.7
UL CT		Ultraline cross tee white	41	600	8GB, 8BB, 8WB, 8WW	70	42	16.4
UL CT		Ultraline cross tee - with 1 slot white	41	1200	8GB, 8BB, 8WB, 8WW	40	48	18.7
Wall angle options								
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 04, 88, 11, 901	20	61	13
L24x24		L-wall angle 24x24 mm white	24	3050	001	20	61	13
Accessories								
UL CAP		End cap for Ultraline slots				100		0.5
UL BOLT M6		Bolt M6x25 for Ultraline				100		0.7
UL WC		Wall connector for Ultraline + J32x15x8				100		2.1
UL PSH		Plastic sign hanger for Ultraline				100		0.1
QH HH 200		Assembled quick hanger with 2 hooks				100		4.2

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
UL MR	Ultraline main runner white	41	3600	6	 300 / 600 / 4 x 600 / 300
UL CT	Ultraline cross tee - without slots	41	1200	0	 1200
UL CT	Ultraline cross tee white	41	600	0	 600
UL CT	Ultraline cross tee - with 1 slot white	41	1200	1	 600 / 600

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.8	16.3
1200	1200 x 600	10.7	17.6



Reaction to fire

A1



Corrosion resistance

C



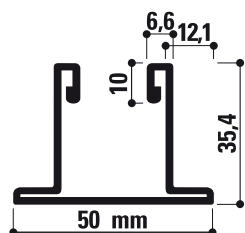
Environment

Fully Recyclable

Chicago Metallic 50 mm Bandraster 3050

- The 50mm wide bandraster system is used for 1A impact resistant ceilings
- Suitable for installation of acoustical barriers and fire protection in plenum spaces
- System is compatible with a wide range of cross tees and accessories
- Compatible with exposed grid ceilings

Cross-section



Compatible tiles

Semi-concealed



Exposed











Coupling

Straight-cut









Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
BR50		Bandraster main runner 50 mm – without slots	35.4	3600	04, 11, 001	8	28.8	23.7
Cross tee								
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001			
BR100 T24 HD CT		Bandraster cross tee T24 Hook	38		11, 001			
BR100 T24 CT			38		11, 001			
Z-section								
Z40		Z-section 40 mm	40.6		00	20		
Z40 HOOK		Z-section 40 mm with hook	40.6		00	20		
Wall angle options								
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11, 88, 04, 901	40	122	25.5
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25.5
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 11, 001, 901	30	91.5	19.9

Contact Rockfon® for the full range of wall angles and accessories.

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Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Accessories								
BR50 LC		Length coupling for bandraster 50 mm				25		1.6
BR50 CC		Cross connector for bandraster 50 mm				25		1.5
BR50 HB		Bent hanger for bandraster 50 mm	84.5			100		1.8
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2.5
BR50 H		Flat hanger for bandraster 50 mm	100			100		1.9
BR50 WC		Wall connector for bandraster 50 mm				25		1.5

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Performance



Reaction to fire

A1



Corrosion resistance

B



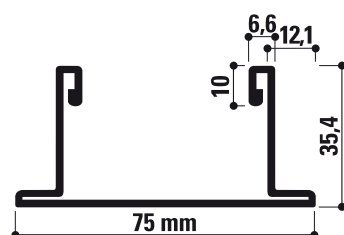
Environment

Fully Recyclable

Chicago Metallic 75 mm Bandraster 3075

- The 75 mm wide grid system is suitable for the flexible layout of large spaces and positioning of partition walls
- Suitable for the installation of acoustic and fire protection barriers in plenum spaces
- System includes a wide range of spacers and accessories
- Compatible with exposed, semi-concealed and concealed grid ceilings

Cross-section



Compatible tiles

Semi-concealed



Exposed











Coupling

Straight-cut









Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
BR75		Bandraster main runner 75 mm	35.4	3600	04, 11, 001	8	28.8	27.5
Cross tee								
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001			
BR100 T24 CT		Bandraster cross tee T24 Hook	38		11, 001			
BR100 T24 HD CT			38		11, 001			
Z-section								
Z40		Z-section 40 mm	40.6		00	20		
Z40 HOOK		Z-section 40 mm with hook	40.6		00	20		
Wall angle options								
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25.5
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11, 88, 04, 901	40	122	25.5
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 11, 001, 901	30	91.5	19.9

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Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Accessories								
BR75 LC		Length coupling for bandraster 75 mm				25		2.3
BR75 CC		Cross connector for bandraster 75 mm				25		2.3
BR75 WC		Wall connector for bandraster 75 mm				25		2.3
BR75 H		Flat hanger for bandraster 75 mm	100			100		2.7
BR75 HB		Bent hanger for bandraster 75 mm	84.7			100		2.8
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2.5

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Performance



Reaction to fire

A1



Corrosion resistance

B



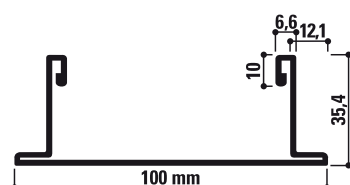
Environment

Fully Recyclable

Chicago Metallic 100 mm Bandraster 3100

- The 100 mm wide grid system is suitable for the flexible layout of large spaces and positioning of partition walls
- Suitable for the installation of acoustic and fire protection barriers in plenum spaces
- System includes a wide range of spacers and accessories
- Compatible with exposed, semi-concealed and concealed grid ceilings

Cross-section



Compatible tiles

Semi-concealed



Exposed











Coupling

Straight-cut









Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
BR100		Bandraster main runner 100 mm - without slots	35.4	3600	04, 11, 001	8	28.8	30.9
Cross tee								
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001			
BR100 T24 CT		Bandraster cross tee T24 Hook	38		11, 001			
BR100 T24 HD CT			38		11, 001			
Z-section								
Z40		Z-section 40 mm	40.6		00	20		
Z40 HOOK		Z-section 40 mm with hook	40.6		00	20		
Wall angle options								
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11, 88, 04, 901	40	122	25.5
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25.5
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 11, 001, 901	30	91.5	19.9

Contact Rockfon® for the full range of wall angles and accessories.

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Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Accessories								
BR100 LC		Length coupling for bandraster 100 mm				25		3.5
BR100 CC		Cross connector for bandraster 100 mm				25		2.7
BR100 WC		Wall connector for bandraster 100 mm				25		2.7
BR100 H		Flat hanger for bandraster 100 mm	100			100		3.4
BR100 HB		Bent hanger for bandraster 100 mm	84.7			100		3.4
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2.5

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Performance



Reaction to fire

A1



Corrosion resistance

B



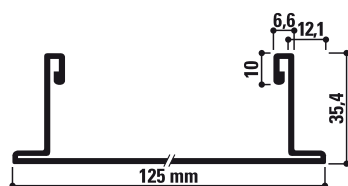
Environment

Fully Recyclable

Chicago Metallic 125 mm Bandraster 3125

- The 125 mm wide grid system is suitable for the flexible layout of large spaces and positioning of partition walls
- Suitable for the installation of acoustic and fire protection barriers in plenum spaces
- System includes a wide range of spacers and accessories
- Compatible with exposed, semi-concealed and concealed grid ceilings

Cross-section



Compatible tiles

Semi-concealed



Exposed











Coupling

Straight-cut









Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
BR125		Bandraster main runner 125 mm	35.4	3600	04, 001	4	14.4	20.4
Cross tee								
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001			
BR100 T24 CT		Bandraster cross tee T24 Hook	38		11, 001			
BR100 T24 HD CT			38		11, 001			
Z-section								
Z40		Z-section 40 mm	40.6		00	20		
Z40 HOOK		Z-section 40 mm with hook	40.6		00	20		
Wall angle options								
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11, 88, 04, 901	40	122	25.5
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25.5
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 11, 001, 901	30	91.5	19.9

Contact Rockfon® for the full range of wall angles and accessories.

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Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Accessories								
BR125 LC		Length coupling for bandraster 125 mm				25		3.9
BR125 CC		Cross connector for bandraster 125 mm				25		3.6
BR125 WC		Wall connector for bandraster 125 mm				25		3.6
BR125/C100,5 H		Flat hanger for bandraster 125 mm and C-bandraster 100 mm	100			100		4.5
BR125/C100,5 HB		Bent hanger for bandraster 125 mm and C-bandraster 100 mm	84.5			100		4.6
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2.5

Contact Rockfon® for the full range of wall angles and accessories.

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Performance



Reaction to fire

A1



Corrosion resistance

B



Environment

Fully Recyclable

Chicago Metallic 150 mm Bandraster 3150

- The 150 mm wide grid system is suitable for the flexible layout of large spaces and positioning of very wide partition walls
- Suitable for the installation of acoustic and fire protection barriers in plenum spaces
- System includes a wide range of spacers and accessories
- Compatible with exposed, semi-concealed and concealed grid ceilings

Cross-section



Compatible tiles











Coupling

Straight-cut

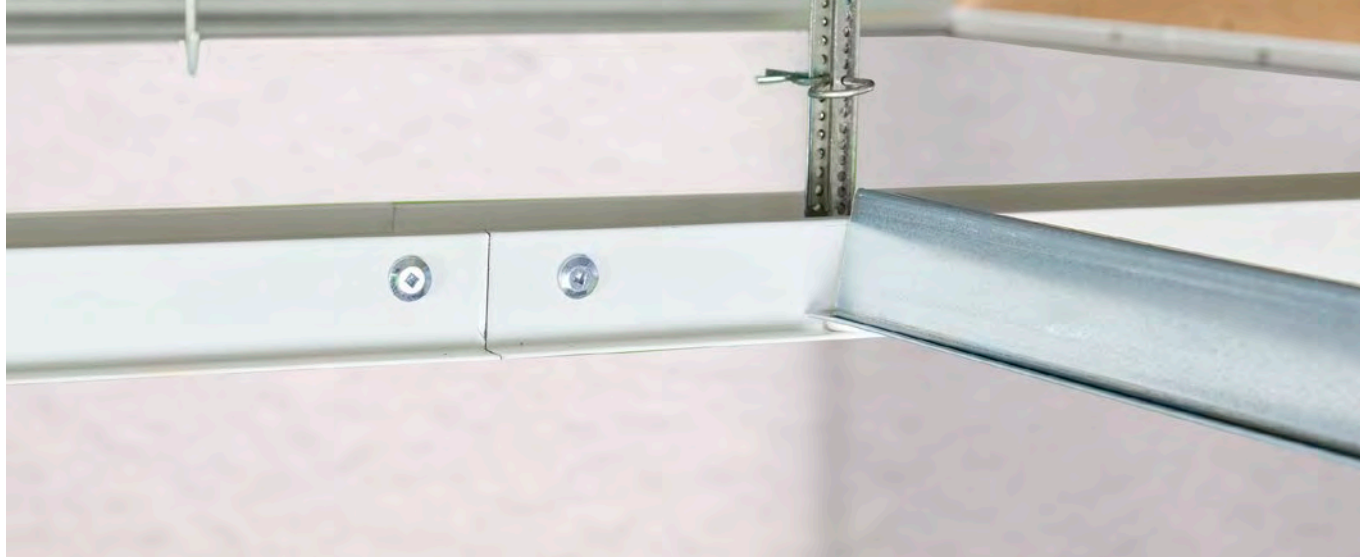



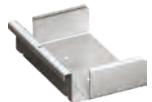




Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
BR150		Bandraster main runner 150 mm	35.4	3600	04, 001	4	14.4	22.4
Cross tee								
BR100 T15 HD CT		Bandraster cross tee T15 Hook	38		001			
BR100 T24 CT		Bandraster cross tee T24 Hook	38		11, 001			
BR100 T24 HD CT			38		11, 001			
Z-section								
Z40		Z-section 40 mm	40.6		00	20		
Z40 HOOK		Z-section 40 mm with hook	40.6		00	20		
Wall angle options								
L24x24		L-wall angle 24x24 mm white	24	3050	001	40	122	25.5
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-all, 11, 88, 04, 901	40	122	25.5
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-all, 04, 88, 11, 001, 901	30	91.5	19.9

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Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Accessories								
BR150 LC		Length coupling for bandraster 150 mm				25		4.5
BR150 CC		Cross connector for bandraster 150 mm				25		4
BR150 WC		Wall connector for bandraster 150 mm				25		4
BR150 H		Flat hanger for bandraster 150 mm	100			100		5.3
BR150 HB		Bent hanger for bandraster 150 mm	84.5			100		5.4
PINC BR		Slot pincer for bandraster 50, 75, 100, 125, 150 mm				1		2.5

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Performance



Reaction to fire

A1



Corrosion resistance

B



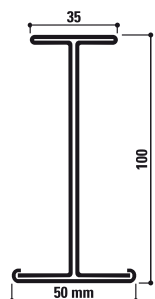
Environment

Fully Recyclable

Chicago Metallic 50 mm Longspan 6000

- 50 mm wide and 100 mm high I-shaped system for visible applications
- Suitable for very long span and heavy panels
- The slotting allows for compatibility with 38 mm and 75 mm high T cross tees
- The system includes engineered accessories for a fast and stable construction

Cross-section



Compatible tiles

Exposed



Coupling

Straight-cut










Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
I50x100		I-runner 50 mm - without slots	100	6000	00, 001	2	12	29
I50x100		I-runner 50 mm - with 6 slots	100	6000	00, 001	2	12	29.2
I50x100		I-runner 50 mm - with 10 slots	100	6000	00, 001	2	12	29.2
T24 MR CL&HK		Main runner T24 Click / Hook	38	3600		15	54	19.5
Accessories								
I50x100 LC		Length coupling for primary I-runner 100 mm		300		15		4.3
I50x100 CC		Cross coupling for primary I-runner 100 mm		150		15		4.1
I50X100 HC M8		Holding clamp for primary I-runner 100 mm + threaded rod M8	70.25			20		3.3
I50X100 HC M10		Holding clamp for primary I-runner 100 mm + threaded rod M10	94			20		3.9
FC I T/EYE		Suspension clip for primary I-runner 55, 70, 85, 100 and 120 mm				100		5.9
FC I EYE		Clip for I55, I70, I85, I100, I120 with furring channel 45 mm				100		5.9
I50x100 FC T		Fixation clip for primary I-runner 100 mm with T35	60			250		2.4

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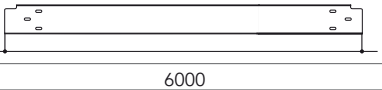
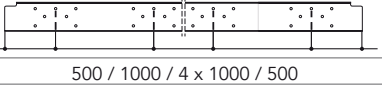
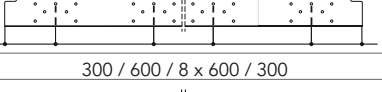
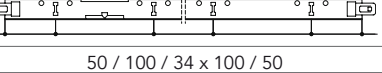


Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
DLW Z&T		Wire clip for Z and 38 mm T-profiles				500		3.9
Accessories								
TR M8 L		Threaded rod M8 - left / L=200 mm		200		50		3.1
TR M8 R		Threaded rod M8 - right / L=1000 mm		1000		50		15.4
SS M8		Spacer sleeve M8x20				100		0.7
NUT M8 R		Nut M8 - right				100		0.5
WASH M8		Spring washer M8 'Grower'				100		0.2
TB M8		Turnbuckle M8				1		0.1

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
I50x100	I-runner 50 mm - without slots	100	6000	0	 6000
I50x100	I-runner 50 mm - with 6 slots	100	6000	6	 500 / 1000 / 4 x 1000 / 500
I50x100	I-runner 50 mm - with 10 slots	100	6000	10	 300 / 600 / 8 x 600 / 300
T24 MR CL&HK	Main runner T24 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50

Performance



Load bearing capacity

The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300												
Axis/axis distance	Max. distance between hangers in mm											
	Kg/m ² of ceiling											
	5	6	7	8	9	10	12	14	16	20	30	40
600	6000	6000	6000	6000	6000	6000	6000	6000	6000	5850	5100	4600
700	6000	6000	6000	6000	6000	6000	6000	6000	5950	5550	4850	4400
800	6000	6000	6000	6000	6000	6000	6000	5950	5700	5300	4600	4200
900	6000	6000	6000	6000	6000	6000	6000	5750	5500	5100	4450	4050
1000	6000	6000	6000	6000	6000	6000	5850	5550	5300	4900	4300	3900
1100	6000	6000	6000	6000	6000	6000	5650	5350	5100	4750	4150	3750
1200	6000	6000	6000	6000	6000	5850	5500	5200	5000	4600	4050	3650
1300	6000	6000	6000	6000	5900	5650	5350	5050	4850	4500	3900	3550
1400	6000	6000	6000	5950	5750	5550	5200	4950	4750	4400	3850	3500
1500	6000	6000	6000	5850	5600	5400	5100	4850	4600	4300	3750	3400
2000	6000	5850	5550	5300	5100	4900	4600	4400	4200	3900	3400	3100

The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/500												
Axis/axis distance	max. distance between hangers in mm											
	kg/m ² of ceiling											
	5	6	7	8	9	10	12	14	16	20	30	40
600	6000	6000	6000	6000	6000	6000	5850	5550	5300	4900	4300	3900
700	6000	6000	6000	6000	6000	5900	5550	5250	5000	4650	4050	3700
800	6000	6000	6000	6000	5850	5600	5300	5000	4800	4450	3900	3550
900	6000	6000	6000	5850	5600	5400	5100	4850	4600	4300	3750	3400
1000	6000	6000	5900	5600	5400	5200	4900	4650	4450	4150	3600	3300
1100	6000	6000	5700	5450	5250	5050	4750	4500	4300	4000	3500	3200
1200	6000	5850	5550	5300	5100	4900	4600	4400	4200	3900	3400	3100
1300	6000	5650	5400	5150	4950	4800	4500	4250	4100	3800	3300	3000
1400	5900	5550	5250	5000	4850	4650	4400	4150	4000	3700	3250	2950
1500	5750	5400	5150	4900	4700	4550	4300	4050	3900	3600	3150	2850
2000	5200	4900	4650	4450	4300	4150	3900	3700	3550	3300	2850	2600



Reaction to fire

A1



Corrosion resistance

B



Environment

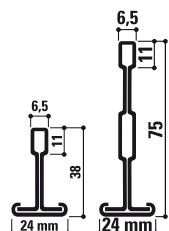
Fully Recyclable



Chicago Metallic T24 Universal Longspan 8280

- 75 mm high T24 universal main runner
- Compatible with the Chicago Metallic T24 mm 2850 and 2890 cross tees
- Reduces number of suspension points, particularly usefull in corridors

Cross-section



Compatible tiles



Coupling

Joggled end



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24x75 MR CL&HK		Main runner T24 x 75 mm	75	3600	04, 88, 11, 001	8	28.8	21
T24x75 MR CL&HK			75	4200	04, 88, 11, 001	8	33.6	24.5
T24x75 SC CL&HK		Main runner T24 x 75 mm Straight-cut	75	2400	04, 88, 11, 001	8	19.2	14.6
T24x75 SC CL&HK			75	3600	04, 88, 11, 001	8	28.8	21
Cross tee								
T24 CT CLICK		Cross tee T24 Click	38	600	Color-All, 04, 534, 57, 16, 14, 88B, 11W, 54, 001, 901	45	27	8.2
T24 CT CLICK			38	1200		45	54	15.7
T24 CT CLICK			38	1800		25	45	16.2
Wall angle options								
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
L19x24		L-wall angle 24x19 mm colour	24	3050	Color-All, 04, 88, 901, 11	40	122	23
Accessories								
WC I		Wall connector for primary I-runner 55, 70, 85, 100 and 120 mm	75	50		50		3.8
FC SMF		SMF clip	9.5	53.2		100		
WBB T		Wall & bridging bracket for T profiles				50		1.6

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24x75 MR CL&HK	Main runner T24 x 75 mm	75	3600	36	 50 / 100 / 34 x 100 / 50
T24 CT CLICK	Cross tee T24 Click	38	600	1	 300 / 300
T24 CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Performance



Load bearing capacity

The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/500 (max. = 4 mm)											
Distance between main runners	Distance between cross tees	Cross tee type	Max. distance between hangers in mm								
			kg/m² of ceiling								
			2.5	3	3.5	4	5	7	10	12	15
1200	600	T24 CT CLICK 1200	3470	3340	3230	3140	2970	2720	2420	2270	2050



Reaction to fire

A1



Corrosion resistance

B



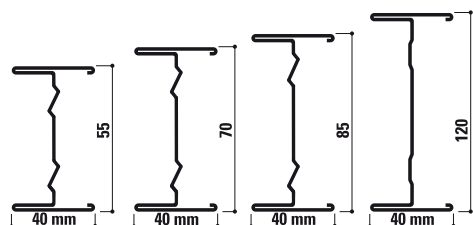
Environment

Fully Recyclable












Chicago Metallic Primary Structure I-profiles

- 40 mm wide I-shaped profiles for primary constructions
- Specifically designed accessories for fast and safe connections
- Available heights from 55 mm up to 120 mm to accommodate various long span distances and load requirements
- Ideal for creating primary support where traditional suspension is not possible

Cross-section















Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
I40x55		Primary I-runner 55 mm	55	5000	00	5	25	19.8
I40x55 HD			55	5000	00	5	25	23.2
I40x70		Primary I-runner 70 mm	70	5000	00	5	25	21.5
I40x70 HD			70	5000	00	5	25	25.1
I40x85		Primary I-runner 85 mm	85	5000	00	4	20	18.5
I40x85 HD			85	5000	00	4	20	21.6
I40x120		Primary I-runner 120 mm	120	6500	00	1	6.5	15.1
T24 MR CL&HK		Main runner T24 Click / Hook	38	3600		15	54	19.5
Accessories								
I40x55 LC		Length coupling for primary I-runner 55 mm		150		50		3.3
I40x70 LC		Length coupling for primary I-runner 70 mm		150		50		3.6
I40x85 LC		Length coupling for primary I-runner 85 mm		150		50		4.2
I40x120 LC		Length coupling for primary I-runner 120 mm		250		25		6.7






T24 profile is used on top of the I profiles as anti-roll bar. Maximum distance between two bars is 2m with two fixings used per connection. Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.






Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
I40x55 WC		Wall connector for primary I-runner 55 mm		100		50		8.3
I40x70 WC		Wall connector for primary I-runner 70 mm		100		50		10.3
I40x85 WC		Wall connector for primary I-runner 85 mm		100		50		11.8
I40x120 WC		Wall connector for primary I-runner 120 mm				25		6
HC I M6 1		Hanger bracket for primary I-runner 55, 70 and 85 mm				50		5.1
HC I M6 2		Hanger bracket for primary I-runner 100 and 120mm				50		7.1
FC I T/EYE		Suspension clip for primary I-runner 55, 70, 85, 100 and 120 mm				100		5.9
FC I EYE		Clip for I55, I70, I85, I100, I120 with furring channel 45 mm				100		5.9
DLW Z&T		Wire clip for Z and 38 mm T-profiles				500		3.9
I40x55 HC		Holding clamp for primary I-runner 55 mm				250		4.3
I40x70 HC		Holding clamp for primary I-runner 70 mm				250		4.7
I40x85 HC		Holding clamp for primary I-runner 85 mm				100		6.2

T24 profile is used on top of the I profiles as anti-roll bar. Maximum distance between two bars is 2m with two fixings used per connection. Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.





Top suspension accessories

Product group		I profile	Load bearing capacity
HC I M6 1		I40x55, I40x70, I40x85	60 kg
HC I M6 2		I40x120	160 kg
I40x55 HC		I40x55	30 kg
I40x70 HC		I40x70	35 kg
I40x85 HC		I40x85	35 kg

Bottom suspension accessories

Product group		I profile	Load bearing capacity
HC I M6 1		I40x55, I40x70, I40x85, I40x120	60 kg
FC I T/EYE		I40x55, I40x70, I40x85, I40x120	40 kg
FC I EYE			50 kg

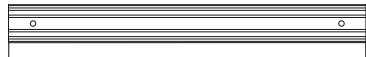



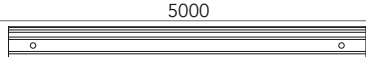


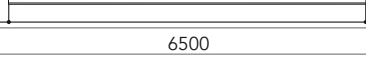
Wall connectors

Product group		I profile	Load bearing capacity
I40x55 WC		I40x55	30 kg ⁽¹⁾
			60 kg ⁽²⁾
I40x70 WC		I40x70	35 kg ⁽¹⁾
			60 kg ⁽²⁾
I40x85 WC		I40x85	35 kg ⁽¹⁾
			60 kg ⁽²⁾
I40x120 WC		I40x120	
			160 kg ⁽²⁾

(1) 1 connecteur mural, le fixer au profil avec 3 vis autoforeuse

(2) 2 connecteurs muraux, le fixer au profil avec 3 boulons et écrous M6

Position of slots and suspension holes

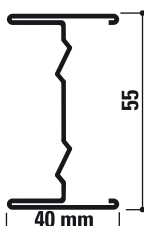
Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
I40x55	Primary I-runner 55 mm	55	5000	0	 5000
I40x55 HD		55	5000	0	 5000
I40x70	Primary I-runner 70 mm	70	5000	0	 5000
I40x70 HD		70	5000	0	 5000
I40x85	Primary I-runner 85 mm	85	5000	0	 5000
I40x85 HD		85	5000	0	 5000
I40x120	Primary I-runner 120 mm	120	6500	0	 6500
T24 MR CL&HK	Main runner T24 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50

Performance



Load bearing capacity

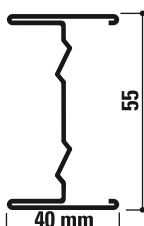
The installer must check that the admissible load per suspension point is not exceeded.

140x55: Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 55 mm Material thickness 0,7 mm 	600	5000	5000	5000	4700	4500	4300	4100	4000	3700	3500	3400	3100	2700
	700	5000	5000	4700	4500	4200	4100	3900	3800	3500	3400	3200	3000	2500
	800	5000	4900	4500	4300	4100	3900	3700	3600	3400	3200	3100	2800	2200
	900	5000	4700	4400	4100	3900	3700	3600	3500	3200	3100	2900	2700	2000
	1000	5000	4500	4200	4000	3800	3600	3500	3300	3100	3000	2800	2600	1800
	1100	4800	4400	4100	3800	3600	3500	3300	3200	3000	2900	2800	2400	1700
	1200	4700	4300	4000	3700	3500	3400	3200	3100	2900	2800	2700	2200	1500
	1300	4600	4200	3900	3600	3400	3300	3200	3000	2900	2700	2500	2100	1400
	1400	4500	4100	3800	3500	3400	3200	3100	3000	2800	2700	2400	1900	1300
	1500	4400	4000	3700	3500	3300	3100	3000	2900	2700	2500	2200	1800	1200
	2000	4000	3600	3300	3100	3000	2800	2700	2600	2200	1900	1700	1400	900

Top hanger = 140x55 HC / Wall connector = 1x 140x55 WC

Top hanger = HC I M6 1 / Wall connector= **2x** 140x55 WC

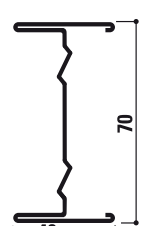
The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 55 mm Material thickness 0,6 mm 	600	5000	5000	4600	4400	4100	4000	3800	3700	3500	3300	3100	2900	2500
	700	5000	4700	4400	4100	3900	3800	3600	3500	3300	3100	3000	2800	2400
	800	5000	4500	4200	4000	3800	3600	3500	3300	3100	3000	2800	2600	2300
	900	4800	4400	4000	3800	3600	3500	3300	3200	3000	2900	2700	2500	2000
	1000	4600	4200	3900	3700	3500	3300	3200	3100	2900	2800	2600	2400	1800
	1200	4400	4000	3700	3500	3300	3100	3000	2900	2700	2600	2500	2200	1500
	1300	4200	3900	3600	3400	3200	3000	2900	2800	2700	2500	2400	2100	1400
	1400	4100	3800	3500	3300	3100	3000	2900	2800	2600	2500	2400	2000	1300
	1500	4000	3700	3400	3200	3000	2900	2800	2700	2500	2400	2200	1800	1200
	2000	3700	3300	3100	2900	2800	2600	2500	2400	2200	1900	1700	1400	900

Top hanger = 140x55 HC / Wall connector = 1x 140x55 WC

Top hanger = HC I M6 1 / Wall connector= **2x** 140x55 WC

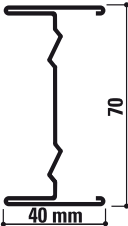
The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 70 mm Material thickness 0,7 mm 	600	5000	5000	5000	5000	5000	5000	4900	4700	4500	4200	4000	3700	2900
	700	5000	5000	5000	5000	5000	4800	4700	4500	4200	4000	3800	3600	2500
	800	5000	5000	5000	5000	4800	4600	4500	4300	4000	3800	3700	3200	2200
	900	5000	5000	5000	4900	4700	4500	4300	4100	3900	3700	3500	2900	2000
	1000	5000	5000	5000	4700	4500	4300	4100	4000	3700	3600	3200	2600	1800
	1100	5000	5000	4900	4600	4400	4200	4000	3900	3600	3300	3000	2400	1600
	1200	5000	5000	4700	4500	4200	4000	3900	3700	3500	3100	2700	2200	1500
	1300	5000	5000	4600	4300	4100	3900	3800	3600	3300	2900	2500	2000	1400
	1400	5000	4800	4500	4200	4000	3800	3700	3600	3100	2700	2400	1900	1300
	1500	5000	4700	4400	4100	3900	3700	3600	3400	2900	2500	2200	1800	1200
	2000	4700	4300	4000	3700	3600	3200	2800	2600	2200	1900	1700	1400	900

Top hanger = 140x70 HC / Wall connector= 1x 140x70 WC

Top hanger = HC I M6 1 / Wall connector= **2x** 140x70 WC

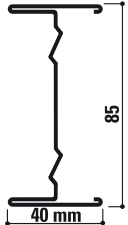
The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m ² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 70 mm Material thickness 0,6 mm 	600	5000	5000	5000	5000	4900	4700	4500	4400	4100	3900	3700	3500	3000
	700	5000	5000	5000	4900	4700	4500	4300	4200	3900	3700	3500	3300	2600
	800	5000	5000	5000	4700	4500	4300	4100	4000	3700	3500	3400	3100	2300
	900	5000	5000	4800	4500	4300	4100	4000	3800	3600	3400	3300	2900	2000
	1000	5000	5000	4700	4400	4200	4000	3800	3700	3500	3300	3100	2700	1800
	1100	5000	4900	4500	4200	4000	3800	3700	3600	3400	3200	3000	2400	1700
	1200	5000	4700	4400	4100	3900	3700	3600	3500	3300	3100	2800	2200	1500
	1300	5000	4600	4300	4000	3800	3600	3500	3400	3200	2900	2600	2100	1400
	1400	4900	4500	4200	3900	3700	3500	3400	3300	3100	2700	2400	1900	1300
	1500	4800	4400	4100	3800	3600	3500	3300	3200	2900	2500	2200	1800	1200
	2000	4400	4000	3700	3500	3300	3100	2900	2600	2200	1900	1700	1400	900

Top hanger = I40x70 HC / Wall connector= 1x I40X70 WC

Top hanger = HC I M6 1 / Wall connector= 2x I40x70 WC

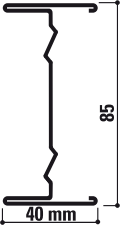
The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m ² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 85 mm Material thickness 0,7 mm 	600	5000	5000	5000	5000	5000	5000	5000	5000	5000	4900	4700	4100	2900
	700	5000	5000	5000	5000	5000	5000	5000	5000	4900	4600	4400	3600	2500
	800	5000	5000	5000	5000	5000	5000	5000	5000	4700	4400	3900	3200	2200
	900	5000	5000	5000	5000	5000	5000	5000	4800	4500	4000	3500	2900	2000
	1000	5000	5000	5000	5000	5000	5000	4800	4600	4100	3600	3200	2600	1800
	1100	5000	5000	5000	5000	5000	4800	4600	4400	3800	3300	2900	2400	1600
	1200	5000	5000	5000	5000	4900	4700	4400	4100	3500	3100	2700	2200	1500
	1300	5000	5000	5000	5000	4800	4600	4100	3800	3300	2800	2500	2000	1400
	1400	5000	5000	5000	4900	4600	4300	3900	3600	3000	2600	2300	1900	1300
	1500	5000	5000	5000	4800	4500	4000	3700	3400	2900	2500	2200	1800	1200
	2000	5000	5000	4600	4000	3500	3100	2800	2600	2200	1900	1700	1300	900

Top hanger = I40x85 HC / Wall connector= 1x I40X85 WC

Top hanger = HC I M6 1 / Wall connector= 2x I40x85 WC

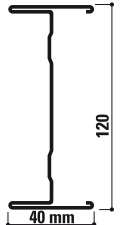
The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 85 mm Material thickness 0,6 mm 	600	5000	5000	5000	5000	5000	5000	5000	5000	5000	4700	4500	4200	2900
	700	5000	5000	5000	5000	5000	5000	5000	5000	4700	4500	4300	3700	2500
	800	5000	5000	5000	5000	5000	5000	5000	4800	4500	4300	4000	3300	2200
	900	5000	5000	5000	5000	5000	5000	4800	4600	4300	4000	3600	2900	2000
	1000	5000	5000	5000	5000	5000	4800	4600	4400	4200	3700	3300	2600	1800
	1100	5000	5000	5000	5000	4800	4600	4500	4300	3900	3400	3000	2400	1700
	1200	5000	5000	5000	5000	4700	4500	4300	4200	3600	3100	2700	2200	1500
	1300	5000	5000	5000	4800	4600	4400	4200	3900	3300	2900	2500	2100	1400
	1400	5000	5000	5000	4700	4500	4300	4000	3600	3100	2700	2300	1900	1300
	1500	5000	5000	4900	4600	4400	4100	3800	3400	2900	2500	2200	1800	1200
	2000	5000	4800	4400	4100	3600	3200	2900	2600	2200	1900	1700	1400	900

Top hanger = I40x85 HC / Wall connector= 1x I40x85 WC

Top hanger = HC I M6 1 / Wall connector= 2x I40x85 WC

The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/300														
	Axis/axis distance	Max. distance between hangers in mm												
		kg/m² of ceiling												
		3	4	5	6	7	8	9	10	12	14	16	20	30
I-section 120 mm 	600	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900
	700	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	5600
	800	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6200	5400
	900	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6400	5900	5000
	1000	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6200	5700	4500
	1100	6500	6500	6500	6500	6500	6500	6500	6500	6500	6200	6000	5500	4200
	1200	6500	6500	6500	6500	6500	6500	6500	6500	6400	6100	5800	5400	3900
	1300	6500	6500	6500	6500	6500	6500	6500	6500	6200	5900	5600	5100	3600
	1400	6500	6500	6500	6500	6500	6500	6500	6500	6100	5800	5500	4800	3300
	1500	6500	6500	6500	6500	6500	6500	6500	6000	5900	5600	5400	4500	3100
	2000	6500	6500	6500	6500	6500	6200	5900	5700	5400	4800	4200	3500	2400

Top hanger = HC I M6 2 / Wall connector= 2x I40x120 WC



Reaction to fire

A1



Corrosion resistance

B



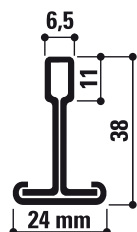
Environment

Fully Recyclable

Chicago Metallic Alu 740

- 24mm aluminium grid with non-magnetic properties
- For use in computer rooms and hospitals with magnetic resonance imaging (MRI) scanners
- The grid is supplied in a specific white colour 01

Cross-section



Compatible tiles








Coupling

Straight-cut



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24 ALU MR		Main runner T24 Hook	38	3600	01	20	72	15.8
Cross tee								
T24 ALU CT		Cross tee T24 Hook	38	600	01	60	36	7.8
T24 ALU CT			38	1200	01	60	72	15.4
Wall angle options								
L19x24 ALU CAP		L-wall angle 24x19 mm in aluminium	24	3050	01	25	76.25	9.3
Accessories								
WH ALU		Alu hanger wire Ø 4 mm / L=1500 mm	1500	1500		100		6

Contact Rockfon® for the full range of wall angles and accessories.

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 ALU MR	Main runner T24 Hook	38	3600	12	 150 / 300 / 10 x 300 / 150
T24 ALU CT	Cross tee T24 Hook	38	600	0	 600
T24 ALU CT		38	1200	1	 600 / 600

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	6.6	11.0
1200	1200 x 600	7.2	11.8



Reaction to fire

A1



Corrosion resistance

C



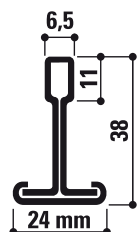
Environment

Fully Recyclable

Chicago Metallic T24 Click C2890 ECR Class C

- 24mm grid with Enhanced Corrosion Resistant finish
- Galvanised raw material with double side painting in compliance with class C
- The system includes accessories and wall angles with at least the same protection

Cross-section



Compatible tiles














Coupling

Joggled end

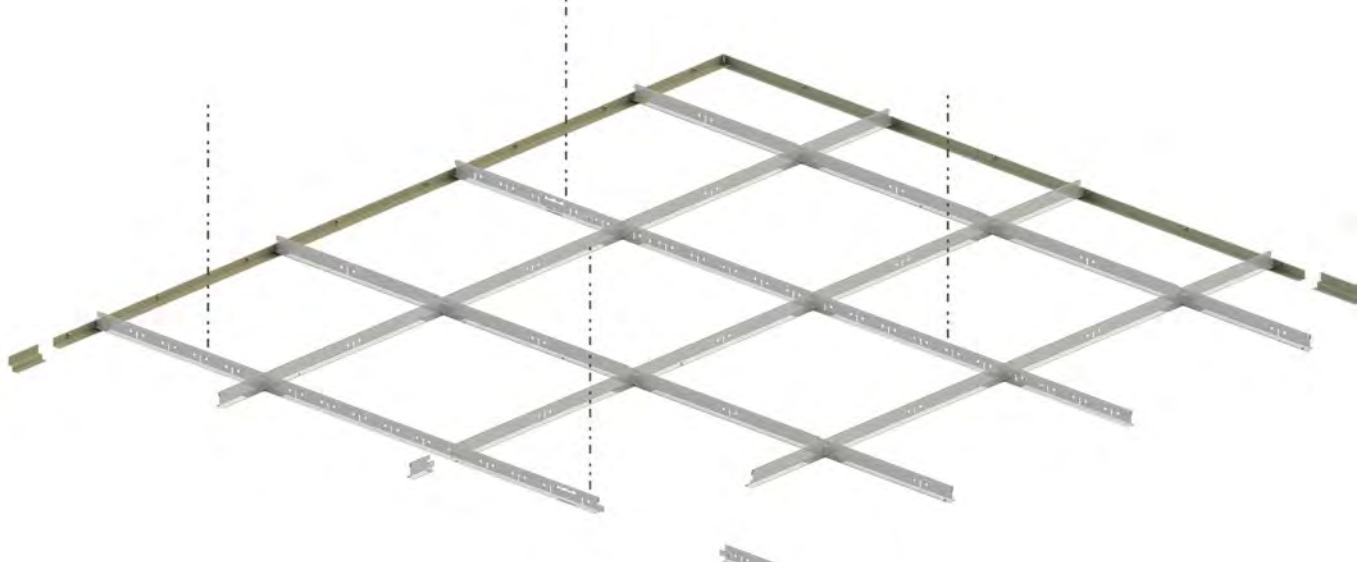


Assortment

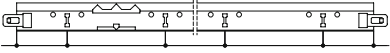
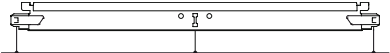
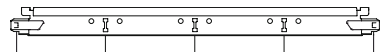
Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24 C MR CL&HK		Main runner T24 Click ECR Class C	38	3600	001	15	54	23.6
Cross tee								
T24 C CT CLICK		Cross tee T24 Click ECR Class C	38	600	001	45	27	9.8
T24 C CT CLICK			38	1200	001	45	54	18.9
Wall angle options								
L24x24 C		L-wall angle 24x24 mm ECR Class C	24	3050	001	40	122	27
L19x24 C		L-wall angle 24x19 mm ECR Class C	24	3050	001	40	122	23
Accessories								
FH B D		Special hanger bent / ECR class D	57.5			100		1.5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
CAP D M6		Protective cap M6 / ECR class D				100		0.165
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm		1000		100		16.7
NUT D M6		Nut M6 / ECR class D				100		0.2
SS D M6		Spacer sleeve M6 / ECR class D				100		0.8

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 C MR CL&HK	Main runner T24 Click ECR Class C	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 C CT CLICK	Cross tee T24 Click ECR Class C	38	600	1	 300 / 300
T24 C CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.5



Reaction to fire

A1



Corrosion resistance

C



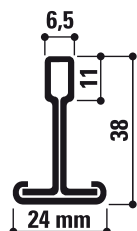
Environment

Fully Recyclable

Chicago Metallic T24 Click D2890 ECR Class D

- 24mm grid with Enhanced Corrosion Resistant finish
- Extra galvanised raw material with double side painting in compliance with class D
- The system includes accessories and wall angles also with Class D protection
- For use in harsh, Class D environments, eg. swimming pool areas, kitchens etc.

Cross-section



Compatible tiles








Coupling

Joggled end

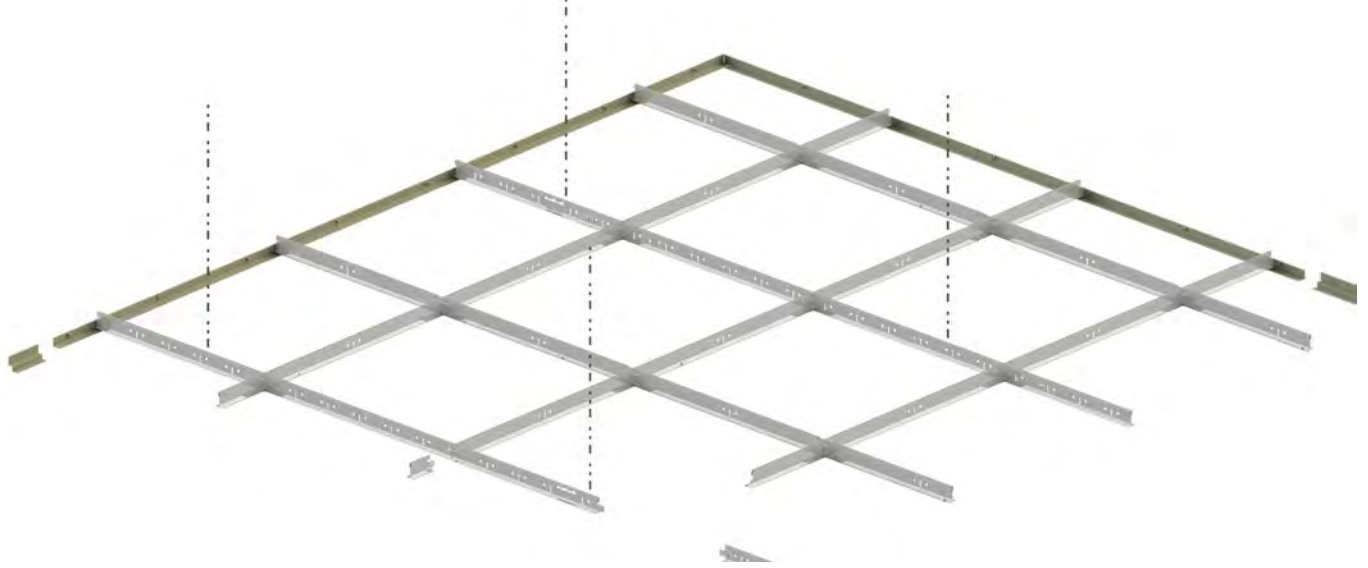


Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T24 D MR CL&HK		Main runner T24 Click ECR Class D	38	3600	001	15	54	23.6
Cross tee								
T24 D CT CLICK		Cross tee T24 Click ECR Class D	38	600	001	45	27	9.8
T24 D CT CLICK			38	1200	001	45	54	18.9
T24 D CT CLICK			38	1800	001	25	45	19.6
Wall angle options								
L24x24 D		L-wall angle 24x24 mm ECR Class D		3050	001	20	61	13.8
C37 D		C-wall angle 20x40x20 mm ECR Class D	40	3050	001	32	97.6	32.5
Accessories								
FH B D		Special hanger bent / ECR class D	57.5			100		1.5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
CAP D M6		Protective cap M6 / ECR class D				100		0.165
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm		1000		100		16.7
NUT D M6		Nut M6 / ECR class D				100		0.2
SS D M6		Spacer sleeve M6 / ECR class D				100		0.8

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Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 D MR CL&HK	Main runner T24 Click ECR Class D	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 D CT CLICK	Cross tee T24 Click ECR Class D	38	600	1	 300 / 300
T24 D CT CLICK		38	1200	3	 300 / 300 / 300 / 300
T24 D CT CLICK		38	1800	5	 300 / 300 / 3 x 300 / 300

Performance



Load bearing capacity

Kg/m²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.9
1200	1800 x 600	3.3	5.7



Reaction to fire

A1



Corrosion resistance

D



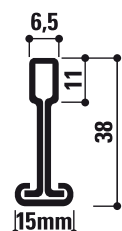
Environment

Fully Recyclable

Chicago Metallic T15 Click C2790 ECR Class C

- 15mm grid with Enhanced Corrosion Resistant finish
- Galvanised raw material with double side painting in compliance with class C
- The system includes accessories and wall angles with at least the same protection

Cross-section



Compatible tiles

Semi-concealed



Exposed














Coupling

Joggled end

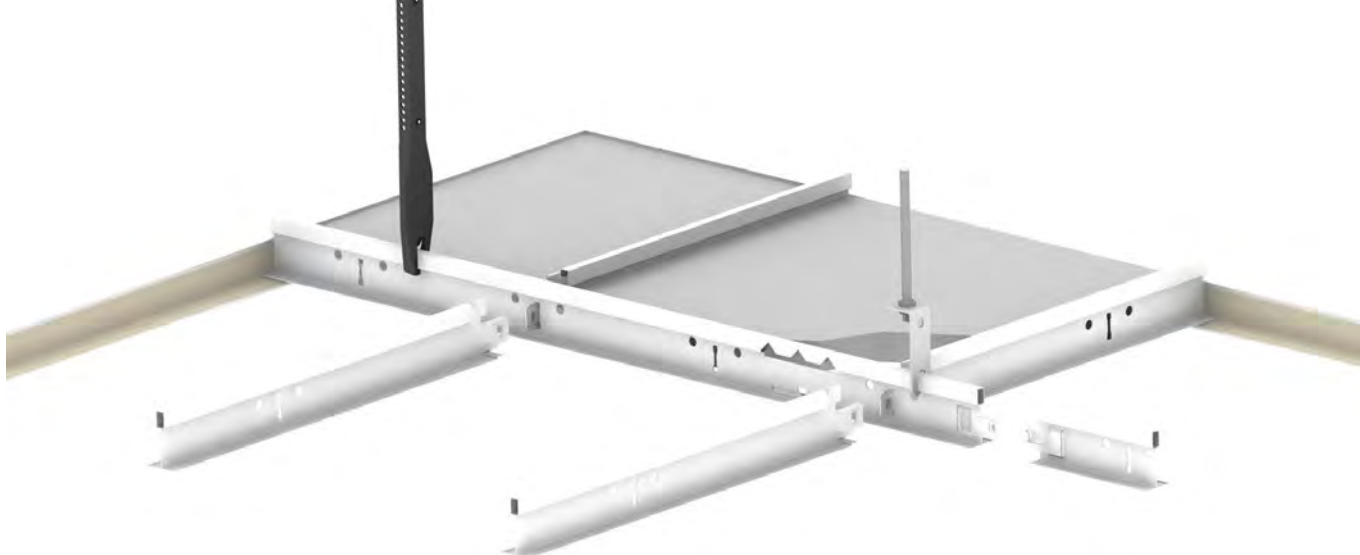


Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T15 C MR CL&HK		Main runner T15 Click ECR Class C	38	3600	001	15	54	20.6
Cross tee								
T15 C CT CLICK		Cross tee T15 Click ECR Class C	38	600	001	45	27	8.5
T15 C CT CLICK			38	1200	001	45	54	16.5
Wall angle options								
L24x24 C		L-wall angle 24x24 mm ECR Class C	24	3050	001	40	122	27
L19x24 C		L-wall angle 24x19 mm ECR Class C	24	3050	001	40	122	23
Accessories								
FH B D		Special hanger bent / ECR class D	57.5			100		1.5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
CAP D M6		Protective cap M6 / ECR class D				100		0.165
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm		1000		100		16.7
NUT D M6		Nut M6 / ECR class D				100		0.2
SS D M6		Spacer sleeve M6 / ECR class D				100		0.8

Contact Rockfon® for the full range of wall angles and accessories.

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T15 C MR CL&HK	Main runner T15 Click ECR Class C	38	3600	36	
T15 C CT CLICK	Cross tee T15 Click ECR Class C	38	600	1	
T15 C CT CLICK		38	1200	3	

Performance



Load bearing capacity

Kg/m ²			
Hanger distance (mm)	Module size (mm)	Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	8.1	13.5
1200	1200 x 600	8.9	14.7



Reaction to fire

A1



Corrosion resistance

C



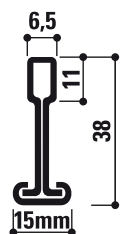
Environment

Fully Recyclable

Chicago Metallic T15 Click D2790 ECR Class D

- 15mm grid with Enhanced Corrosion Resistant finish
- Galvanised raw material with double side painting in compliance with class D
- The system includes accessories and wall angles also with Class D protection

Cross-section



Compatible tiles

Semi-concealed



Exposed














Coupling

Joggled end

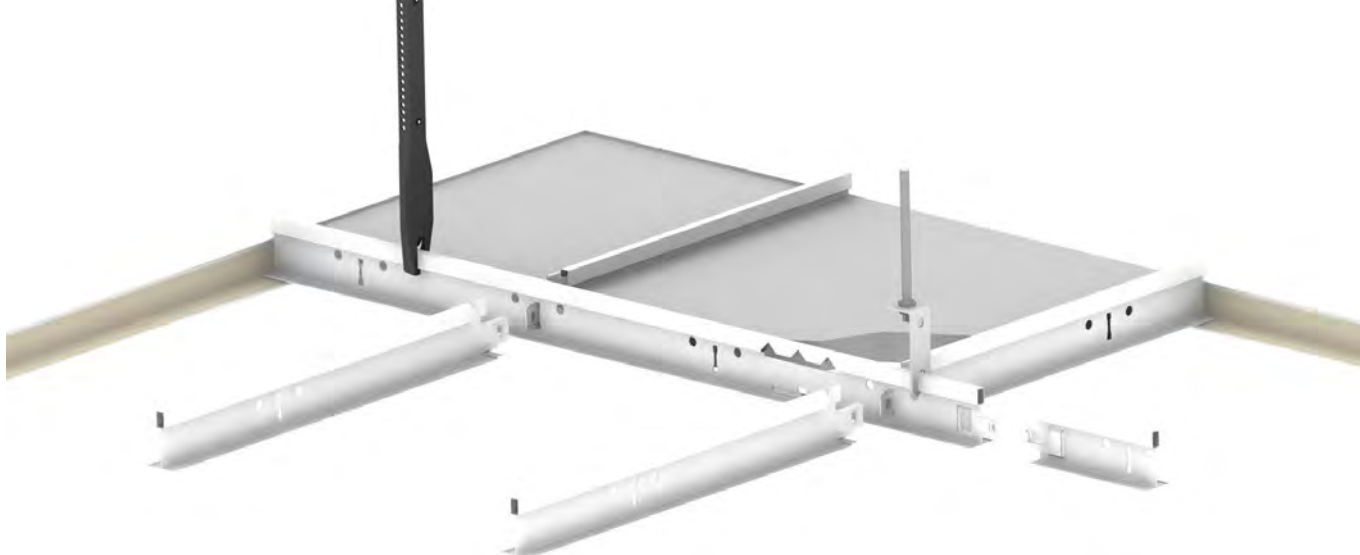


Assortment


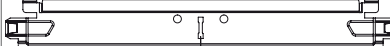
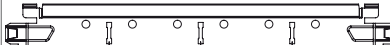
Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
T15 D MR CL&HK		Main runner T15 Click ECR Class D	38	3600	001	15	54	20.6
Cross tee								
T15 D CT CLICK		Cross tee T15 Click ECR Class D	38	600	001	45	27	8.5
T15 D CT CLICK			38	1200	001	45	54	16.5
Wall angle options								
L24x24 D		L-wall angle 24x24 mm ECR Class D		3050	001	40	122	27
L19x24 D		L-wall angle 24 x 19mm ECR Class D	24	3050	001	40	122	23
Accessories								
FH B D		Special hanger bent / ECR class D	57.5			100		1.5
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1.34
CAP D M6		Protective cap M6 / ECR class D				100		0.165
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm		1000		100		16.7
NUT D M6		Nut M6 / ECR class D				100		0.2
SS D M6		Spacer sleeve M6 / ECR class D				100		0.8

Contact Rockfon® for the full range of wall angles and accessories.

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Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T15 D MR CL&HK	Main runner T15 Click ECR Class D	38	3600	36	 50 / 100 / 34 x 100 / 50
T15 D CT CLICK	Cross tee T15 Click ECR Class D	38	600	1	 300 / 300
T15 D CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	8.1	13.5
1200	1200 x 600	8.9	14.7



Reaction to fire

A1



Corrosion resistance

D



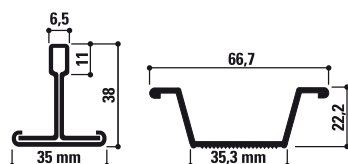
Environment

Fully Recyclable

Chicago Metallic Monolithic

- T and Omega shaped grid for the installation of Rockfon® Mono Acoustic and a variety of boards
- Quick and easy click system reduces time and installation costs
- Single layer system for reduced plenum heights
- Simple grid without the need for accessories

Cross-section



Compatible tiles

Concealed





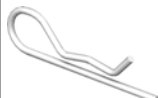





Coupling

Joggled end



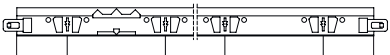
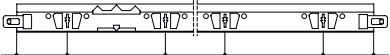
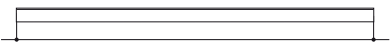
Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
MONO T35 MR		Monolithic main runner	38	3600	69	20	72	37.1
MONO T35 MR			38	3600		20	72	37.1
Cross tee								
MONO HAT35 CT		Monolithic furring channel	22.23	1200		50	60	25
Wall angle options								
MONO C40		C-wall angle 30x40.5x30 mm	40.5	3050		10	30.5	10.74
Accessories								
NH 90		Upper part nonius hanger	85			100		2.4
NH CLIP		Intersection clip for nonius (2 per hanger)				200		1.3
NH T		Lower part nonius hanger for T profiles				100		3.9
HDC W2		Steel perimeter hold down clip – height 40 mm - combinable with C37 wall angle				500		4.03
SH 50		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	50			100		2.5

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
MONO T35 MR	Monolithic main runner	38	3600	16	 112,50 / 225 / 14 x 225 / 112,50
MONO T35 MR		38	3600	18	 100 / 200 / 16 x 200 / 100
MONO HAT35 CT	Monolithic furring channel	22.23	1200	0	 1200

Performance



Load bearing capacity

Kg/m ²		
Hanger distance (mm)	Module size (mm)	Maximum deflection 3.3 mm
1200	1200 x 600	12
1200	1200 x 400	13.9



Reaction to fire

A1



Corrosion resistance

B








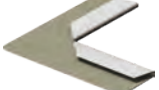
Environment

Fully Recyclable

Chicago Metallic L-profiles

- Visible sides adapted to the variety of grid widths
- Perfect colour match with ceiling grids
- Choice of different heights for installation purposes

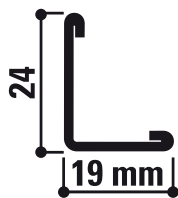
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
L19x24		L-wall angle 24x19 mm white	3050	001	40	122	23
L19x24		L-wall angle 24x19 mm colour	3050	Color-All, 04, 88, 901, 11	40	122	23
L24x24		L-wall angle 24x24 mm white	3050	001	20	61	13
L24x24		L-wall angle 24x24 mm colour	3050	Color-All, 04, 88, 901, 11	20	61	13
Accessories							
CC 24 OUT		Outside corner for wall angle flange 24 mm		11, 001	50		0.4
CC 24 IN		Inside corner for wall angle flange 24 mm		11, 001	50		0.3

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

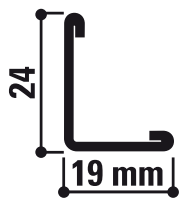
Product description

L19x24



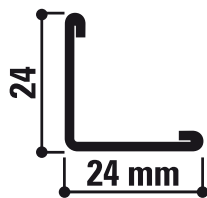
Body Material thickness0.5mm

L19x24



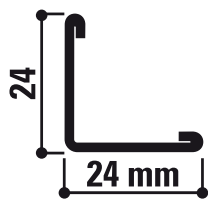
Body Material thickness0.5mm

L24x24



Body Material thickness0.5mm

L24x24



Body Material thickness0.5mm

Performance



Reaction to fire
A1 / A2-s1,d0 (Color-all)







Environment
Fully Recyclable

Chicago Metallic L- and C-profiles

Corrosion Resistant

- Visible sides adapted to the variety of grid widths
- Available in corrosion class D

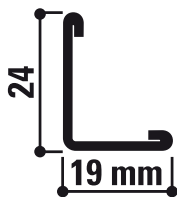
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
L19x24 C		L-wall angle 24x19 mm ECR Class C	3050	001	40	122	23
L24x24 C		L-wall angle 24x24 mm ECR Class C	3050	001	40	122	27
L19x24 D		L-wall angle 24 x 19mm ECR Class D	3050	001	40	122	23
L24x24 D		L-wall angle 24x24 mm ECR Class D	3050	001	20	61	13.8
C37 D		C-wall angle 20x40x20 mm ECR Class D	3050	001	32	97.6	32.5

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

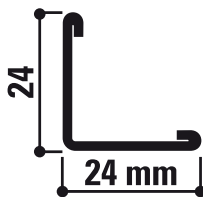
Product description

L19x24 C



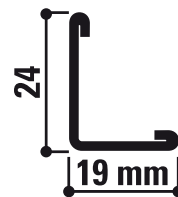
Body Material thickness 0.5mm

L24x24 C



Body Material thickness 0.5mm

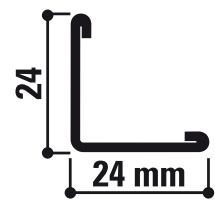
L19x24 D



Body Material thickness 0.5mm

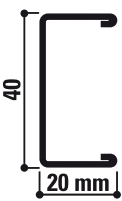
Product description

L24x24 D



- Body Material thickness 0.5mm

C37 D



- Body Material thickness 0.5mm

Performance



Reaction to fire
A1




Environment
Fully Recyclable

Chicago Metallic L-profiles Reinforced

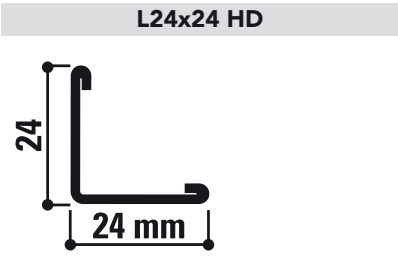
- Wall angles with load bearing properties
- Appropriate for heavy panels
- Fixation distance up to 625 mm
- Available in selected standard colours

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
L24x24 HD		L-wall angle 24x24 mm reinforced	3050	001	35	106.75	31.2

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

Product description



- **Body Material thickness**0.7mm

Performance



Reaction to fire
A1 / A2-s1,d0 (Color-all)




Environment
Fully Recyclable

Chicago Metallic L-profiles Specials

- Range of wall angles used in specific building conditions
- Wall angles with 30 mm flange for sport facilities and seismic installations

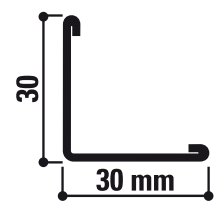
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
L30x30		L-wall angle 30x30 mm	3050	001	25	76.25	23.3

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

Product description

L30x30



Body Material thickness0.6mm

Performance



Reaction to fire
A1 / A2-s1,d0 (Color-all)









Environment
Fully Recyclable

Chicago Metallic W-profiles

- A range of W profiles (shadow moulding wall angles) for various applications
- Designed for Rockfon tiles (A, E, D, M, X, & Z-edge)
- Specific corner caps available

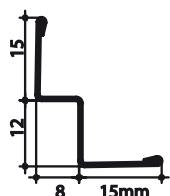
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
W8x12		W-profile 15x12x8x15 mm	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	17.9
W10x15		W-profile 15x15x10x15 mm	3050	Color-All, 04, 88, 001, 901, 11	30	91.5	19.9
W20		W-profile 20x20x20x20 mm	3050	04, 88, 001, 901	20	61	27.8
W20x20x20x30		W-profile 20x20x20x30 mm	3050	001	18	54.9	28.1
Accessories							
CC 15 OUT		Outside flat corner for W-profile flange 15 mm		11, 001	50		0.85
CC 15 IN		Inside flat corner for W-profile flange 15 mm		11, 001	50		0.8

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

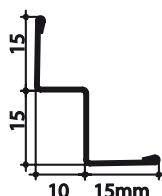
Product description

W8x12



- W-profile with 15 mm face and mounting surface.
- Suitable for semi-concealed and concealed panels of 12 mm and 8 mm. (D and E edge tiles)
- Rockfon tile labelling on the inside.
- Body Material thickness** 0.5mm

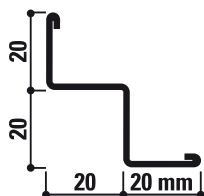
W10x15



- W-profile with 15 mm face and mounting surface.
- Suitable for semi-concealed and concealed panels of 10 mm and 15 mm. (E, M, X and Z edge tiles)
- Rockfon tile labelling on the inside.
- Body Material thickness** 0.5mm

Product description

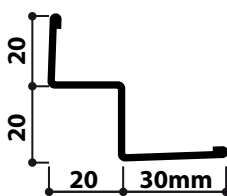
W20



- Reinforced W-profile with a 20 mm face.
Used in self-supporting corridor constructions.
Also ideal for the fixation of light removable partitions thanks to the possibility for larger suspension distances.

Body Material thickness0.7mm

W20x20x20x30



- Reinforced W-profile with a 30 mm face.
Used in seismic constructions.
Also ideal for the fixation of light removable partitions thanks to the possibility for larger suspension distances.

Body Material thickness0.7mm

Performance



Reaction to fire

A1 / A2-s1,d0 (Color-all)





Environment

Fully Recyclable

Chicago Metallic C Profiles

- C profile for tiles up to 37mm
- Used with hold-down clips to close gaps between grid and tiles
- Compatible with a variety of hold-down clips according to tile thickness
- Perfect colour match with ceiling grids

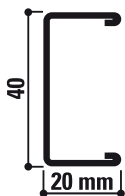
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
C37		C-wall angle 20x40x20 mm	3050	04, 88, 11, 001, 901	32	97.6	32.5
Accessories							
HDC W1		Steel perimeter hold down clip - height 23 mm – combinable with C37 wall angle			250		2.1

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

Product description

C37



Body Material thickness 0.5mm

Performance



Reaction to fire

A1 / A2-s1,d0 (Color-all)





Environment

Fully Recyclable

Chicago Metallic Flexible Wall Angles

- Wall angle for concave and convex surfaces
- Fast and aesthetic finishing of irregular walls and columns
- Time saving through easy and fast fixation
- Ergonomic handling and transportation
- Easy cut-to-size on site with standard tools

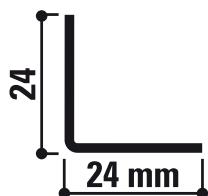
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
L24x24 FLEX		Flexible wall angle 24x24 mm - white	2500		10	25	5.3
L20x25 FLEX ALU		Flexible wall angle 25x20 mm in aluminium	3000	916	10	30	6.9

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

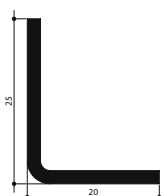
Product description

L24x24 FLEX



- **Body Material thickness**0.5mm

L20x25 FLEX ALU



- **Body Material thickness**2mm

Performance



Reaction to fire
E









Environment
Fully Recyclable

Chicago Metallic J-profiles

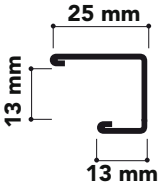
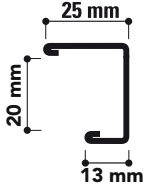
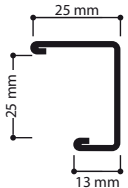
- A range of J-shaped profiles for internal wall cladding
- Various heights to fit with the tiles thicknesses
- System also suitable for horizontal applications
- Specific J-profile for E-edged tiles with T15 mm and Ultraline
- Perfect colour match with ceiling grid systems and wall angles

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
J13		J-wall angle 25 x13 x13 mm	3050	11, 001	30	91.5	22
J20		J-wall angle 25x20x13 mm	3050	11, 001	24	73.2	19.8
J25		J-wall angle 25x25x13 mm	3050	11, 001	24	73.2	21.1
J38		J-wall angle 25x38x13 mm	3050	11, 001	18	54.9	16.6
J40		J-wall angle 25x40x13 mm	3050	11, 001	18	54.9	19.7
J50		J-wall angle 25x50x13 mm	3050	11, 001	18	54.9	21.4

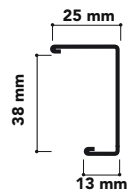
Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

Product description

J13	J20	J25
		
- Body Material thickness0.5mm	- Body Material thickness0.5mm	- Body Material thickness0.5mm

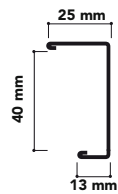
Product description

J38



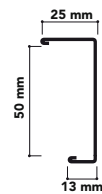
-
Body Material thickness0.5mm

J40



-
Body Material thickness0.5mm

J50



-
Body Material thickness0.5mm

Performance



Reaction to fire
A1 / A2-s1,d0 (Color-all)



Environment
Fully Recyclable

Hold down clips & wall springs

- Specifically designed clips and springs for optimal pressure distribution and easy (de)mounting
- The plastic clips are suitable for humid environments
- A wide range for very thick tiles or specific applications, such as metal ceilings and perimeter finishes

Assortment

Product group		Component description	Pcs per pack	Kg per pack
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)	100	1.34
HDC 2		Plastic hold down clip for tile thickness 25-30 mm (A edge), 40 mm (E, D edge)	150	1.65
HDC 3		Plastic hold down clip for tile thickness 40 mm (A edge), 50 mm (D edge)	100	1.12
HDC 4		Steel hold down clip for tile thickness 15-20 mm (A edge)	100	0.3
HDC 6 P1		Steel hold down clip for tile thickness 45-110 mm (A edge) (to be combined with HDC 6 P2)	100	0.9
HDC 6 P2		Steel hold down spring combinable with holddown clip HDC 6 P1	100	2.7
HDC W1		Steel perimeter hold down clip - height 23 mm – combinable with C37 wall angle	250	2.1
HDC W2		Steel perimeter hold down clip – height 40 mm - combinable with C37 wall angle	500	4.03
WSF		Wall Spring FIXT	100	0.6

Performance



Reaction to fire
Steel HDC: A1




Environment
Fully Recyclable

Double Layer Clips

- Specific accessories to create a double layer connection
- DLC clips are also used for the spacing of profiles
- Designed to make a 90° angle with 2 profiles
- Appropriate to reduce suspension points and for irregular project conditions
- Used for semi-concealed and concealed ceiling and island finishing

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
DLC		Double layer clip for 38 mm T-profiles	20 kg		100	3.9

Performance



Reaction to fire
A1



Environment
Fully Recyclable

Suspension Clips

- A variety of products suitable for a range of applications
- Direct hung for reduced plenum heights
- Specific parts to be combined with threaded rods
- Hangers for beams and vertical fixation
- Universal hangers for specific solutions

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
SH 40-80		Adjustable short hanger (80-120 mm)	20 kg		100	2.1
SH 100		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	35 kg	100	100	2.4
SH 50			35 kg	50	100	2.5
SH 80			35 kg	80	100	3.2
FH T24 HOOK		Flat hanger clip	14 kg	36.3	100	0.8
FH B		Special hanger (bent) for Chicago Metallic™ T-profiles	35 kg	57.5	100	1.5

Performance



Reaction to fire
A1











Environment
Fully Recyclable

Corrosion resistant (D)

- Range of accessories with extra corrosion resistant finishing in compliance with class D
- Compatible with the extra corrosion resistant Chicago Metallic grids
- Extra galvanised raw material with double side painting or similar protection
- Used in project requirements with class C or D exposure conditions

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm			100	16.7
NH D 85		Upper part nonius hanger / bent / ECR class D	40 kg	85	50	1.4
NH D 135			40 kg	135	50	1.8
NH D 235			40 kg	235	50	2.7
NH D 340			40 kg	340	50	3.7
NH D 440			40 kg	440	50	4.4
NH D 540			40 kg	540	50	5.5
NH D 640			40 kg	640	50	6.5
NH D 740			40 kg	740	50	7.1
NH D 840			40 kg	840	50	8.2
NH D 940			40 kg	940	50	9.2
NH D 1040			40 kg	1040	25	4.9
NH D CLIP		Intersection clip for nonius / ECR class D	40 kg		100	0.7
NH D T		Lower part nonius hanger for T24x38 mm profiles / ECR class D	20 kg	190	50	2.2
FH B D		Special hanger bent / ECR class D	35 kg	57.5	100	1.5
NUT D M6		Nut M6 / ECR class D			100	0.2
SS D M6		Spacer sleeve M6 / ECR class D			100	0.8
CAP D M6		Protective cap M6 / ECR class D			100	0.165

Performance



Reaction to fire
A2-s1,d0 (nonius)









Environment
Fully Recyclable

Nonius Hangers

- A wide range of hangers to enable rigid suspension solutions
- Available in different materials to meet specific building conditions
- Appropriate for a variety of standard applications
- Custom made designs for Chicago Metallic substructure systems

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
NH 90		Upper part nonius hanger	40 kg	85	100	2.4
NH 140			40 kg	135	100	3.3
NH 240			40 kg	235	100	5
NH 340			40 kg	340	100	7.1
NH 440			40 kg	440	100	8.4
NH 540			40 kg	540	100	10.6
NH 640			40 kg	640	100	12.6
NH 740			40 kg	740	100	13.6
NH 840			40 kg	840	50	8
NH 940			40 kg	940	50	9
NH 1040			40 kg	1040	25	4.9
NH 1140			40 kg	1140	25	5.4
NH 1240			40 kg	1240	25	5.9
NH 1340			40 kg	1340	25	6.4
NH CLIP		Intersection clip for nonius (2 per hanger)	40 kg		200	1.3
NH T		Lower part nonius hanger for T profiles	40 kg		100	3.9
NH BR50		Nonius hanger for bandrafter 50 mm	40 kg	133.3	100	3.4
NH BR100		Nonius hanger for bandrafter 100 mm	40 kg	107.9	100	4.1
QH HH 200		Assembled quick hanger with 2 hooks	30 kg		100	4.2

Performance



Reaction to fire

A1






Environment

Fully Recyclable

Quick hangers

- Range of adjustable hangers with a hook and a butterfly clip
- Galva protection for use in regular public building condition
- Wide range to cover all suspension heights

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
QH HH 140		Assembled quick hanger with 2 hooks	30 kg		100	3.6
QH HH 200			30 kg		100	4.2
QH HH 320			30 kg		100	5
QH HH 620			30 kg		100	7.6
QH HH 760			30 kg		100	9.6
QH HH 1020			30 kg		100	12
QH HH 1540			30 kg		100	17
QH HH 2020			30 kg		100	21.3
QH TC		Quick Hanger Twist Clip	24 kg	112.6	100	3.85
QH H QF 4,0 100		Quick-fit' hanger Ø 4 mm	20 kg	100	200	2.5
QH H QF 6,0 100		Quick-fit' hanger Ø 6 mm	20 kg	100	200	2.5
QH H QF 6,0 200			20 kg	200	200	3

Performance



Reaction to fire

A1




Environment

Fully Recyclable

Threaded rods

- Galvanised threaded rods with a diameter of 6, 8 or 10 mm
- Galva protection for use in regular building conditions
- Appropriate for heavy load bearing together with adapted hanger parts
- A range of specific accessories are combined with the threaded rods

Assortment

Product group		Component description	Pcs per pack	Kg per pack
BOLT M6		Bolt M6x16	100	0.6
TR M6		Threaded rod M6 / L=1000 mm	100	16.7
SS M6		Spacer sleeve M6	100	0.8
NUT M6		Nut M6	100	0.2
BOLT NUT M5		M5x12 bolt + nut	100	0.4
AB		90° connecting clip	100	1.1
FC M6		Universal fixation clip / L=90 mm	100	1.5
PLUG M6		Brass plug M6	100	0.5
EYE M6		Eye bolt M6	100	0.5
PLUG M6 TILT		Tilting plug + rosette	100	1.9

Performance



Reaction to fire
A1




Environment
Fully Recyclable

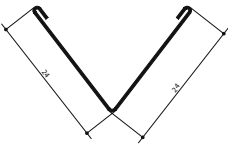
Spacer Bars

- 24 x 24 mm V-shaped profiles
- The spacer bars are used with the traditional Chicago Metallic BR and T profiles beads
- The modular profiles guarantee a perfect spacing
- Used as an alternative for cross tees or for providing extra stability to the grid

Assortment

Product group		Component description	Pcs per pack	Kg per pack
SBH 600/625		Spacer bar for 600/625 mm modules - painted	50	6.99

Cross-section



SBH 600/625

Performance



Reaction to fire
A1





Environment
Fully Recyclable

Stiffening Profiles

- Galvanised C-profiles to be placed into the groove of the tiles
- Length and size adapted for use with semi-concealed and concealed tiles
- The profiles assure the flatness of the panels
- Galva protection for use in regular building conditions

Assortment

Product group		Component description	Pcs per pack	Kg per pack
SP C11 595		C profile 15x11x13mm for use with 600x600 D edge	80	6.7
SP C11 880		C profile 15x11x13mm for use with 900x900 X edge	80	9.9

Contact Rockfon® concerning C profiles corresponding to M and Z edge tiles.

Performance



Reaction to fire

A1



Environment

Fully Recyclable

Various applications

- Range of specific accessories for various solutions
- Used to create fast and safe ceiling finish applications

Assortment

Product group		Component description	Pcs per pack	Kg per pack
LF X 600		Light frame for X-edge ceiling 600x600 mm	1	0.67
Z STEP 19x58 LC		Length coupling for stepped Z with 19 mm flange	100	5.1
AB T		Universal hook connector	100	2.6
CONN T/T 1		Double T-coupling for profiles with a 6.5x11 mm bead	100	2.2
DCP		Drywall clamping piece	100	5.1
GCN		Grid clamp	6	0.2
FC SMF		SMF clip	100	
FCT T24 EYE M6		Sign hanger clip with eye and M6 thread (T24)	100	1.52
CONN T/T 2		T-coupling for profiles with a 6.5x11 mm bead	50	1.8

Performance



Reaction to fire

A1











Environment

Fully Recyclable

Chicago Metallic Alu Transitions

- Range of alu transition profiles in various shapes and dimensions
- Used to create smooth transitions between
monolithic / modular / plasterboard ceilings

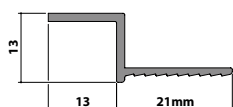
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
TP ALU R12,5		Shadow line 12.5 mm for gypsum panels	3000	901	25	75	11
TP ALU E12,5		Cover profile 12.5 mm for gypsum panels	3000	901	25	75	9
TP ALU R6		Cover profile 6 mm for gypsum panels	3000	901	25	75	10
TP ALU R25		Shadow line 25 mm for gypsum panels	3000	901	20	60	11
TP ALU RW12,5		Transition profile from gypsum ceiling to gypsum ceiling/ with 12.5 mm joint	3000	901	20	60	15
TP ALU E25		Cover profile 25 mm for gypsum panels	3000	901	25	75	12
TP ALU L0		L-shaped transition to a lay-in tile / without joint	3000	001	10	30	9
TP ALU L8		L-shaped transition to a tegular tile / without joint	3000	001	20	60	18
TP ALU L15		L-shaped transition for a Rockfon® X and M edge without joint	3000	001	10	30	11
TP ALU 15L		L-shaped transition to a lay-in tile / 15 mm joint	3000	001	10	30	12
TP ALU 15C		C-shaped transition to a metal ceiling / 15 mm joint	3000	001	10	30	14
Accessories							
DCP		Drywall clamping piece			100		5.1

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

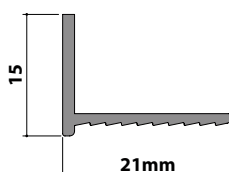
Product description

TP ALU R12,5



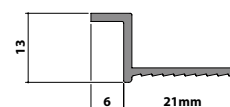
Body Material thickness 1.5mm

TP ALU E12,5



Body Material thickness 1.5mm

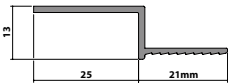
TP ALU R6



Body Material thickness 1.5mm

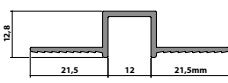
Product description

TP ALU R25



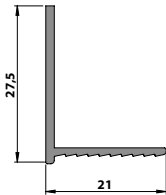
Body Material thickness1.5mm

TP ALU RW12,5



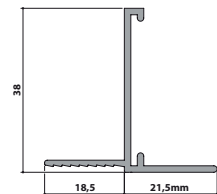
Body Material thickness1.5mm

TP ALU E25



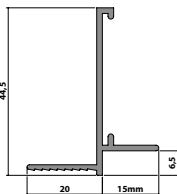
Body Material thickness1.5mm

TP ALU L0



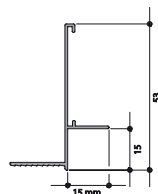
Body Material thickness1.5mm

TP ALU L8



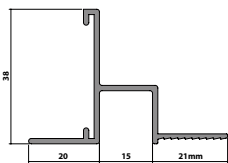
Body Material thickness1.5mm

TP ALU L15



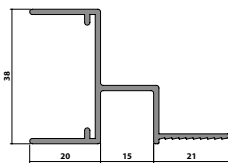
Body Material thickness1.5mm

TP ALU 15L



Body Material thickness1.5mm

TP ALU 15C



Body Material thickness1.5mm

Performance



Reaction to fire
A2-s1,d0






Environment
Fully Recyclable

Chicago Metallic F Profiles

- Range of F-shaped upstand trims for the creation of level differences
- Available in 3 dimensions according to size of tiles/boards
- Perfect colour match with ceiling grids
- Easy to cut on site and adapt to the dimensions of daylight coffers

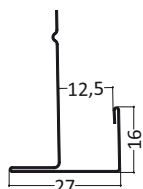
Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Wall angle options							
F13		F-profile 27 x 16 mm (panels up to 13 mm)	3200	04, 88, 11, 001, 901	16	51.2	19.8
F15		F Profile 29 x 16 mm (panels up to 15 mm)	3200	11, 001	16	51.2	20.2
F18		F Profile 32 x 16 mm (panels up to 18 mm)	3200	11, 001	16	51.2	20.8

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

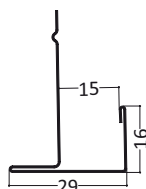
Product description

F13



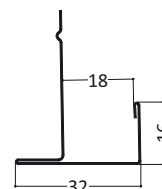
- **Body Material thickness**0.45mm

F15



- **Body Material thickness**0.45mm

F18



- **Body Material thickness**0.45mm

Performance



Reaction to fire

A1 / A2-s1,d0 (Color-all)



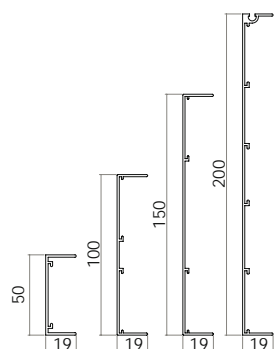
Environment

Fully Recyclable

Chicago Metallic Infinity

- A bespoke range of 'made to order' single module and multi-module framed islands
- These islands can be installed with a number of Rockfon® ceiling tiles
- A variety of powder-coated, extruded aluminium perimeter channels and accessories are available
- All islands are bespoke and made to order
- Supplied in complete kits comprising all framing components to create an island








Cross-section



Compatible tiles



Assortment

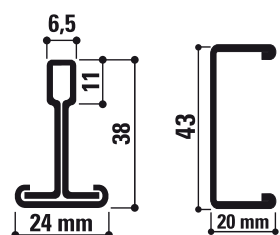
Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
INF C50		Infinity® framing profile 50 mm	50		901			
INF C100		Infinity® framing profile 100 mm	100		901			
INF C150		Infinity® framing profile 150 mm	150		901			
INF C200		Infinity® framing profile 200 mm	200		901			
Accessories								
INF IC		Interior cross connector				50		1.62
INF TC		Connection clip for T-profiles				1		
INF LC		Length connector				50		1.62

Ceiling tiles with X edges are only compatible with a 100 mm high Infinity® frame profile in combination with the Rockfon T24 X DLC system.

Chicago Metallic Screenline

- C-shaped framing for square island shapes with unlimited sizes
- Island framing with or without interior grids
- Perfect colour match with other Chicago Metallic grids
- Availability of system designed accessories
- Profiles deliverable with extra corrosion resistant finishing
- Ergonomic handling and transportation

Cross-section



Compatible tiles

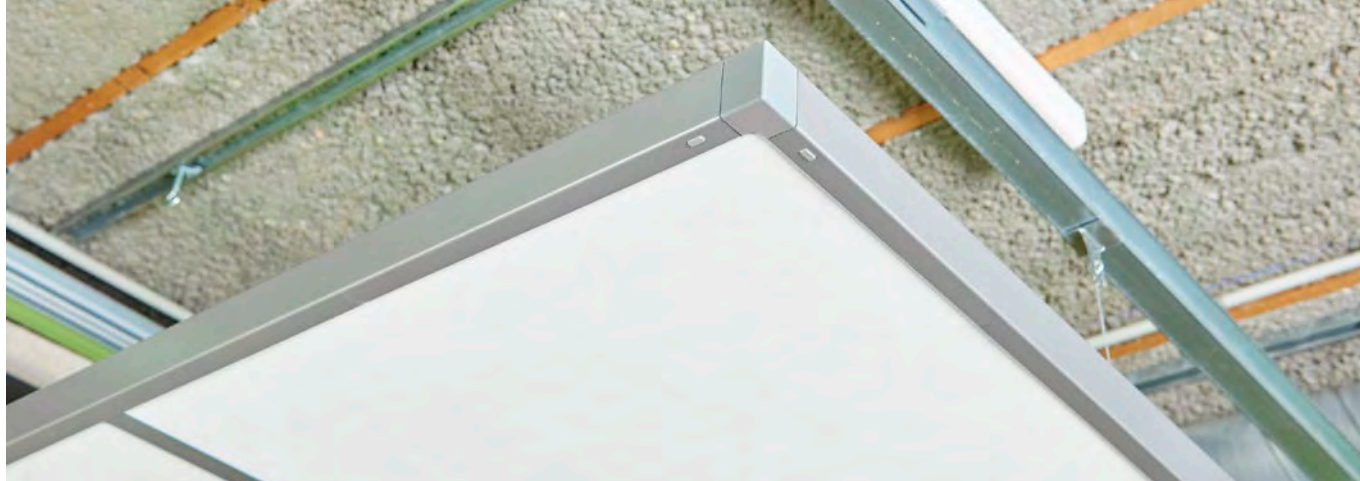


Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
Main runner								
SCR C40 CC		Screenline profile 20x43x20 mm for 2 hook connections	43	540		8	4.32	1.5
SCR C40 CC			43	240		8	1.92	0.6
SCR C40 CC			43	2040		8	16.32	5.5
SCR C40 CC			43	3540		8	28.32	9.5
SCR C40 CC			43	2940		8	23.52	7.9
SCR C40 CC			43	1440		8	11.52	3.9
SCR C40 CC			43	2340		8	18.72	6.3
SCR C40 CC			43	1740		8	13.92	4.7
SCR C40 CC			43	1140		8	9.12	3.1
SCR C40 LC		Screenline profile 20x43x20 mm for 1 hook connection	43	2370		8	18.96	6.4
SCR C40 LC			43	2970		8	23.76	8
SCR C40 LC			43	3570		8	28.56	9.6
SCR C40 LC			43	2070		8	16.56	5.6
SCR C40 LC			43	2670		8	21.36	7.2
SCR C40 LC			43	3270		8	26.16	8.8
SCR C40 LL		Screenline extension profile 20x43x20 mm	43	3600		8	28.8	9.7

Contact Rockfon® for the full range of wall angles and accessories.

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.



Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack
SCR T24 MR HOOK		Screenline T24-main runner	38			25		
Cross tee								
SCR T24 CT HOOK		Screenline T24-cross tee	38	600		25	15	5.5
SCR T24 CT HOOK			38	1200		25	30	10.8
Accessories								
SCR FC T		Fixation bracket Screenline				50		0.6
SCR SUSP		Screenline hanger clip				24		0.8
SCR WB		Screenline Wall bracket				250		6.4
SCR LC 001		Screenline length coupling				8		0.2
SCR OC 001		Screenline outside corner				24		0.8
SCR IC 001		Screenline inside corner				8		0.3
DHS1		Screenline design hanger set				2		0.1
PINC SCR		Screenline pincer				1		2.5
QH HH 760		Assembled quick hanger with 2 hooks				100		9.6
QH HH 1020						100		12
QH HH 1540						100		17

Contact Rockfon® for the full range of wall angles and accessories.

Please note that not all colors are available for every product. We recommend checking the assortment table for the colors currently offered for each item. If you need further assistance or have specific color preferences, please feel free to contact Rockfon.

Performance



Reaction to fire

A1

Corner accessories: E



Corrosion resistance

B



Environment

Fully Recyclable

Modular systems T15 – T24 – T35

1. Theoretical calculation

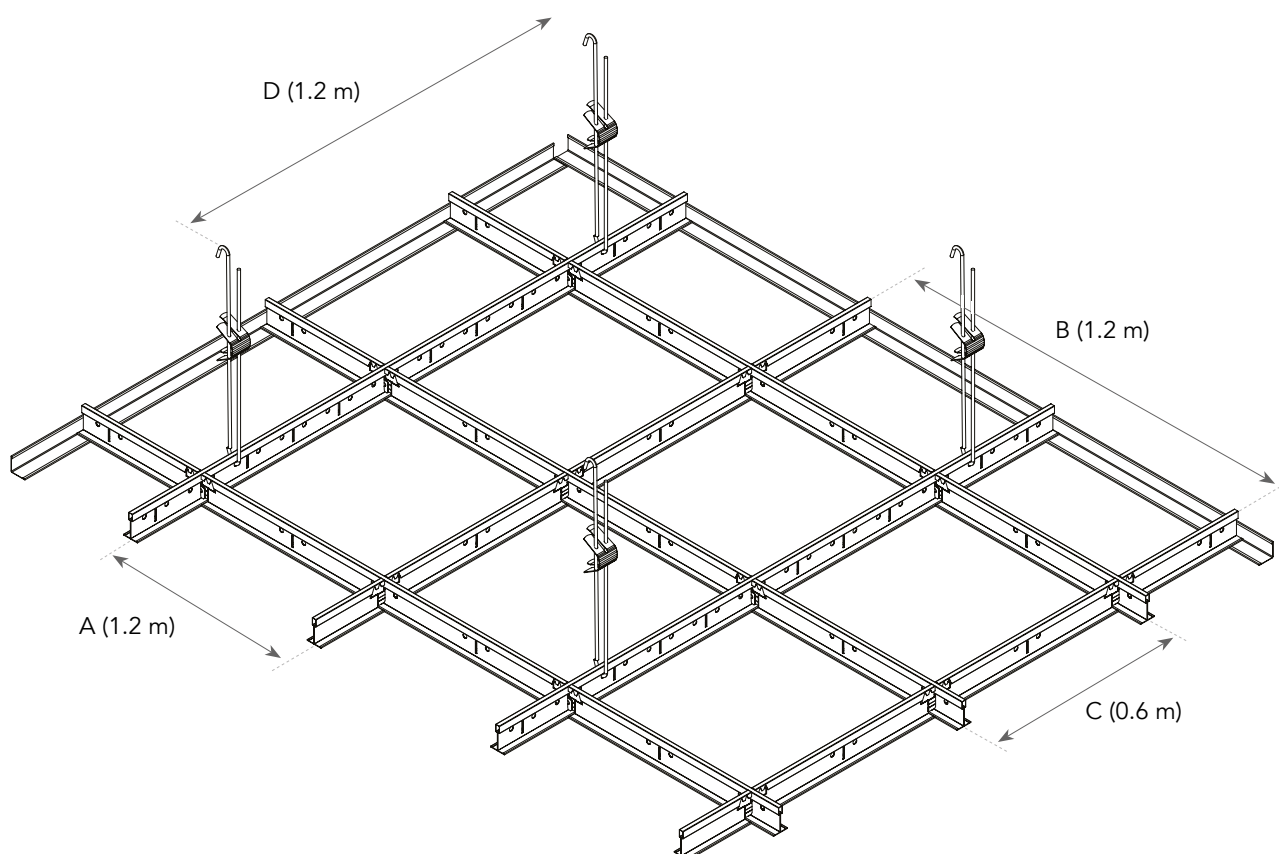
Main runners (A): Surface / axe-axe distance of main runners

600 mm cross tees (B): Surface / axe-axe distance of 600 mm cross tees

1200 mm cross tees (C): Surface / axe-axe distance of 1200 mm cross tees

Hangers (D): Lm main runner (A) / axe-axe distance of main runners

The amount of wall angles is determined by the shape and size of the project.



2. Example for a 100 sqm ceiling

Main runners (A): $100 / 1.2 = 83.333 = 84$ meters

600 mm cross tees (B): $100 / 1.2 = 83.333 = 84$ meters

1200 mm cross tees (C): $100 / 0.6 = 166.666 = 167$ meters

Hangers (D): $84 / 1.2 = 70$ pcs

3. Required materials per sqm according to the standard modulations

For a 600 x 600 mm or a 600 x 1200 mm modulation:

-	600 x 600 mm modulation		600 x 1200 mm modulation	
-	Main runner every 1200 mm	Main runner every 600 mm	Main runner every 1200 mm	Main runner every 600 mm
Main runner	0.83 m	1.67 m	0.83 m	1.67 m
Cross tee 1200 mm	1.67 m	-	1.67 m	-
Cross tee 600 mm	0.83 m	1.67 m	-	0.83 m
Hangers	0.69 pz	1.38 pz	0.69 pz	1.38 pz

For a 625 x 625 mm or a 625 x 1250 mm modulation:

-	625 x 625 mm modulation		625 x 1250 mm modulation	
-	Main runner every 1250 mm	Main runner every 625 mm	Main runner every 1250 mm	Main runner every 650 mm
Main runner	0.80 m	1.60 m	0.80 m	1.60 m
Cross tee 1200 mm	1.60 m	-	1.67 m	-
Cross tee 600 mm	0.80 m	1.60 m	-	0.80 m
Hangers	0.64 pz	1.28 pz	0.64 pz	1.28 pz

For a 675 x 675 mm or a 675 x 1350 mm modulation:

-	675 x 675 mm modulation		675 x 1350 mm modulation	
-	Main runner every 1350 mm	Main runner every 675 mm	Main runner every 1350 mm	Main runner every 675 mm
Main runner	0.74 m	1.48 m	0.74 m	1.48 m
Cross tee 1200 mm	1.48 m	-	1.67 m	-
Cross tee 600 mm	0.74 m	1.48 m	-	0.74 m
Hangers	0.55 pz	1.10 pz	0.55pz	1.10 pz



Rockfon systems



We bring together the natural qualities of stone wool tiles and panels with suspended grid innovations, creating a complete ceiling design that ensures comprehensive acoustic control. The result is an attractive, easy to install solution.

Monolithic ceiling systems

Our monolithic ceiling systems offer a seamless acoustic solution for rooms with flexibility in application and ease of installation no matter the shape or size.

Modular ceiling systems

Suspended ceiling tiles give absolute control of the noise and safety of spaces. All the grid profiles are designed to ensure smoother integration of services and fittings.

Island systems

Frameless acoustic solutions available in a variety of shapes and sizes. Ideal for when traditional suspended ceiling solutions cannot be installed.

Baffle systems

Our baffle systems have two methods of installation. The baffles can be installed in rows using grids or installed individually using hooks or wires. Our baffles are entirely adaptable and can be installed in a variety of applications.

Wall panel systems

Enhance room acoustics by using innovative acoustic wall panels for a comprehensive and flexible solution.

our installation guides are available at <https://en.rockfon.international/>

Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_{w} ^{2, 4)}	$D_{n,f,w}$ ³⁾		
MONOLITHIC CEILING							
Rockfon® Mono® Acoustic	TE	900 – 1800	-	0,90	-		
				1,00			
MODULAR CEILINGS							
Design White							
Rockfon Blanka®	A15, A24, B, C, D, D/AEX, E15, E24S8, M, X, Z	600 – 2400	-	1,00	26 dB		
				0,95	-		
					25 dB		
Rockfon Blanka® Activity	A24, B, C, D, E24S8	300 – 2400		1,00			
Rockfon Blanka® dB 35	A24, E15, E24S8	600 – 1200		0,80	35 dB		
Rockfon Blanka® dB 41	A24, D, D/AEX, E15, E24S8	600 – 1800		0,90	41 dB		
Rockfon Blanka® dB 43					43 dB		
Rockfon Blanka® dB 46				0,90	46 dB		
Rockfon Blanka® Bas	A15, A24	600 – 1200		0,25	-		
Rockfon® Sonar®	A15, A24, B, C, D, D/AEX, E15, E24, M, X, Z	600 – 2400		1,00	27 dB		
				0,95	-		
Rockfon® Sonar® Activity	A24, B, C, D, E24	300 – 2400		1,00			
Rockfon® Sonar® dB 35	A24, E15, E24S8	600 – 1200		0,80	35 dB		
Rockfon® Sonar® dB 41	A24, D, D/AEX, E15, E24S8	600 – 1800		0,90	41 dB		
Rockfon® Sonar® dB 43		600 – 1500			43 dB		
Rockfon® Sonar® dB 46		600 – 1800			46 dB		
Rockfon® Sonar® Bas	A15, A24, D, E15, E24	600 – 1200		0,20	-		
Design Decoration							
Rockfon Color-all®	A15, A24, B, E15, E24S8, X	600 – 1800	-	0,95	-		
				1,00			
Rockfon Color-all® Special	A15, A24, B, E24, X	600 – 1200		1,00			
Core White							
Rockfon® Koral™	A15, A24, As, E15, E24S8	600 – 2400	-	0,95	-		
				1,00			
				0,55			
Rockfon® Koral™ Tenor	A24	600 – 1200		0,60			
Rockfon® Koral™ 100 mm				1,00			
Rockfon® Tropic™	A15, A24, E15, E24S8			0,95			
Basic White							
Rockfon® Artic™	A15, A24, E15, E24S8	600 – 1200	-	0,90	-		
Rockfon Pacific®	A15, A24, E15S6, E24S6			0,80			
Rockfon Pacific® 15 mm	A15, A24			0,85			
Rockfon® Sofit™		600 – 600		0,60			
				0,65			

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m²) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.
Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A2-s1,d0	87% light reflection (Elegant Render), >99% light diffusion (Elegant Render)	-	-	C/0N	-	-
	A1	87% light reflection, >99% light diffusion	94,5	Class 1	C/0N	-	3 A
	A2-s1,d0						-
	A1	85%	-	-		ISO Class 5	3 A
						-	-
	A1	85%					
	A1	Colour-dependent	-	-	C/0N	-	-
	A2-s1,d0						
	A1	86%	-	-	C/0N	-	-
		-					
		86%					
	A1	82%	-	-	C/0N	-	-
		-			-		
		77%					
		-					

Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_w ^{2, 4)}	$D_{n,f,w}$ ³⁾	
Special Applications						
Hygiene						
Rockfon® CleanSpace™ Essential	A15, A24	600 – 2400	-	0,85	-	
				0,95		
Rockfon® CleanSpace™ Pro	A24, E24S8	600 – 1200		1,00		
Rockfon® CleanSpace™ Block	A24			0,90		
Rockfon® CleanSpace™ Pure	A24, E24, X	600 x 1200		1,00	-	
				0,95		
Rockfon® CleanSpace™ Air	A24	600 x 600		0,80	-	
				1,00		
Healthcare						
Rockfon® MediCare® Standard	A15, A24, E15, E24S8	600 – 1200	-	0,95	-	
					22	
Rockfon® MediCare® Plus	A24, E24S8, X	600 – 2400		1,00	-	
				0,95		
Rockfon® MediCare® Block	A24	600 – 1200		0,90		
Rockfon® MediCare® Air				0,80		
Impact Resistant						
Rockfon® Samson™	A HAT, A24, AEX	600 – 2400	-	1,00	-	
Rockfon® Boxer™	A24, AEX					
Thermal Insulation						
Rockfon® Facett™	A24	600 – 1200	-	0,90	-	
				1,00		
Industry						
Rockfon® Industrial™ Black	A24	600 – 1200	-	1,00	-	
Rockfon® Industrial™ Opal						
Rockfon® Industrial™ Nature						
Rockfon® Cosmos™ Grey	Bp			0,95		
				1,00		
Acoustic Additions						
Rockfon® Soundstop™	-	1000 – 1200	-	-	-	
Complementary Products						
Rockfon® Rocklux™		745 – 1780	-	-	-	

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m^2) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.

Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A1	85%	-	-	C/0N	ISO Class 4	-
					C/0N		
	B-s1,d0	74%			-	ISO Class 2	
	A1	Light reflection 86%, light diffusion >99%	-	-	C/0N	ISO Class 3	-
	A1	85%	-	-	C/0N	ISO Class 3	-
	A1	86%	-	-	C/0N	ISO Class 5	-
		85%				ISO Class 3	
	B-s1,d0	74%			-	ISO Class 2	
	A1	85%			C/0N	ISO Class 3	
	A1	72%	-	-	C/0N	-	1A, 2 A
		85%					1A, 2 A, 3 A
	A1	-	-	-	C/0N	-	-
	A1	-	-	-	C/0N	-	-
		64%					
		-			-		
		67%					
	C-s1,d0	-	-	-	-	-	-
	A1						
	A1	-	-	-	-	-	-

Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_w ^{2, 4)}	$D_{n,f,w}$ ³⁾	
ISLANDS						
Rockfon® Eclipse™	A island	800 – 2360	-	-	-	
Rockfon® Eclipse™ Colour	A island	1160 – 1160	-	-	-	
Rockfon® Eclipse™ Customised		580 – 2360				
BAFFLES						
Rockfon Contour®	A	Rectangle: 300 - 1800 Wave: 150/300 - 1200	-	-	-	
Rockfon® Universal™ Baffle	2F, 4F	300 – 1800	-	-	-	
Rockfon Humitec® Baffle	4F	450 – 1200	-	-	-	
Rockfon® Industrial™ Baffle	2F	450 – 1200	-	-	-	
WALL PANELS						
Rockfon Eclipse® wall panel	A wall	800 – 2360	-	-	-	
Rockfon® Samson™ wall panel	A HAT, A24 wall	600 – 2400	-	0,85	-	
Rockfon® VertiQ®	A HAT, A24 wall, C wall	600 – 2700		1,00		
DESIGN PRODUCTS						
Dividers						
Rockfon® Canva™ Floor screen	-	1000 - 1800	-	-	-	
Rockfon® Canva™ Hanging divider	-	600 - 1800	-	-	-	
Design Decoration Wall						
Rockfon® Canva™ Wall panel	-	600 - 1800	-	0,95	-	
Rockfon® Lamella™	-	600 - 600	-	0,90	-	
Design Decoration Island						
Rockfon® Hub™	X	600 - 600	-	0,95	-	

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m²) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.

Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A1	87% light reflection (rear side: 79%), >99% light diffusion	94,5	Class 1	C/0N	-	-
	A2-s1,d0						
	A1						
	A2-s1,d0	Colour-dependent	-	-	C/0N	-	-
	A1	79%	-	-	C/Pass	-	-
	A2-s1,d0	White (77%), Charcoal (4%), Color-all (Colour dependent)	-	-	B/Pass	-	-
	A2-s1,d0	85%	-	-	D/Pass	ISO Class 2	-
	A2-s1,d0	64%	-	-	B/Pass	-	-
	A1	87% light reflection (rear side: 79%), >99% light diffusion	94,5	Class 1	C/0N	-	-
	A2-s1,d0						
	A1						
	A1	72%	-	-	-	-	-
	A2-s1,d0	White 72%, Lightgrey 61%, Grey 33%, Black 5%			C/0N		
	B-s1,d0	-	-	-	-	-	-
	B-s1,d0	-	-	-	-	-	-
	B-s1,d0	-	-	-	-	-	2 A
	C-s2,d0	-	-	-	-	-	-
	A1	-	-	-	-	-	-

A modern office interior with teal-colored walls and exposed ceiling pipes. A large window in the center shows a view of a parking lot with several cars and a forested area in the background. A long, thin, black light fixture hangs from the ceiling. In the foreground, there is a white desk with a potted plant and a printer. A person's head is visible at the bottom center, looking out the window. A chair is visible in the bottom right corner.

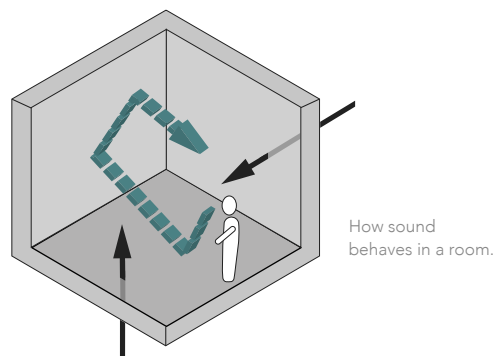
The science of acoustics

Great acoustics can make us healthier, happier and more productive. But how do room acoustics work? How can we understand acoustic properties of the ceiling better?

What's the difference between sound absorption and insulation?

Two main factors determine the acoustics of a room:

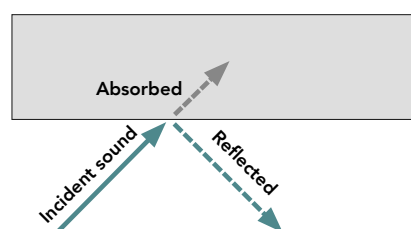
- Sound absorption: How sound behaves in a room.
- Sound insulation: How much sound travels from one room to another.



Sound absorption

When a sound wave hits a surface, part of the energy is reflected, the material absorbs part of it and the rest is transmitted. The quality of sound absorption is determined by the layout of the space and the materials used. By nature, stone wool used in Rockfon acoustic products offers excellent sound absorption properties.

- Sound absorption controls the ambient sound pressure level in a room to create comfortable environments where people can concentrate and work productively without noise-induced irritation or stress.
- It increases speech intelligibility making conversation easier to understand and hear.
- It reduces reverberation (echoes) and the 'cocktail party' effect where sound levels rise uncontrolled in a room as people talk louder and louder to make themselves heard.

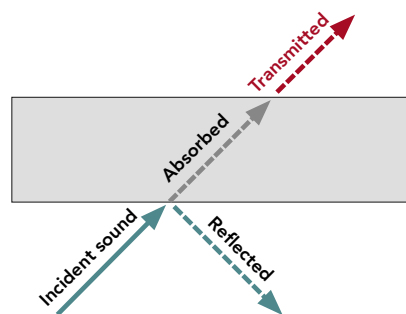


Sound insulation

Sound insulation is the degree to which sound is prevented from penetrating another space. It influences the sound level in the receiving space.

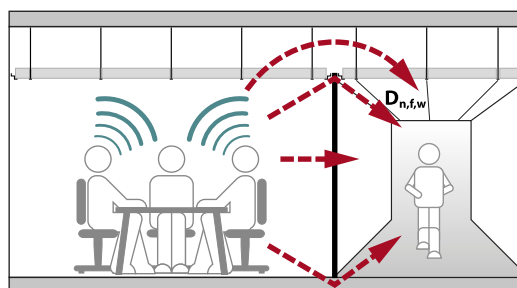
- All walls and ceilings, to some degree, limit sound transmission from one room to another.
- The use of building elements with superior sound insulation properties contributes to a higher degree of privacy and confidentiality.
- Sound insulation contributes to lower sound pressure levels in adjoining rooms, creating more comfortable environments in which everyone can easily concentrate.

Mass, air-tightness and absorbing ability are the primary properties that determine the ability of a material to insulate sound. Our stone wool ceilings can help limit the transmission of unwanted sound from one room to another.



The impact sound insulation between two floors is an expression of the ability of a construction to insulate from sounds generated by impacts e.g. footsteps, slamming doors. It is characterised by the impact sound pressure level $L'_{nT,w}$ and is rated in dB. The lower the value, the lower the sound pressure level, thus the better the impact sound insulation. Some regulators prescribe maximum $L'_{nT,w}$ ($L'_{nT}(T_{mf,max})_{rw}$ in the case of schools) levels of 60 dB in classrooms and offices.

The total sound insulation of adjacent spaces is expressed by $D_{nT,w}$, R'_w or $D_{nT,A}$ values. It represents the ability of a total construction (partition, ceiling, floor and all connections) to block speech, music or other noise that is transmitted through the air and buildings. The higher the value (in dB) the better the performance. Some regulators prescribe minimum levels of 35-45 dB between offices or 50-60 dB between apartments and dwellings.



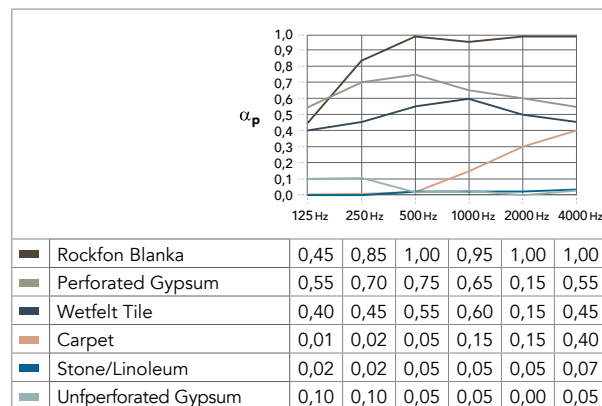
How sound transfers from one room to another.

How to compare ceiling acoustics

Sound absorption is measured using the sound absorption coefficient α_w that has a value between zero (0) and 1.00. Zero represents no absorption (total reflection), and 1.00 represents total absorption of the incident sound. This coefficient is used to determine the sound absorption indicators explained on the next pages.

Weighted sound absorption coefficient (α_w)

Alpha W or α_w is calculated in accordance with ISO 11654 using the practical sound absorption coefficient α_p values at standard frequencies and comparing them with a reference curve. All suspended ceiling suppliers in Europe provide α_w for their products. Stone wool used in our products offers the highest performance, when compared to many other materials.



Sound absorption class

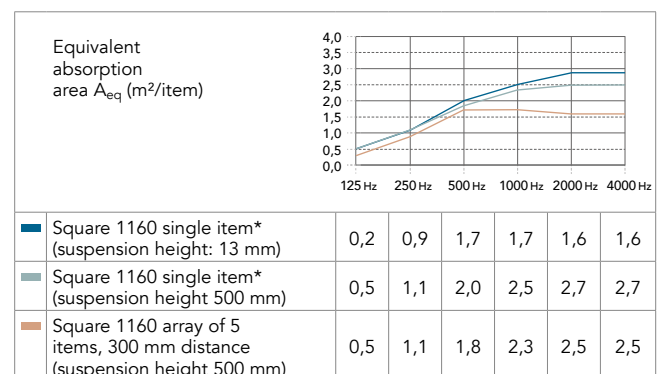
The international standard ISO 11654 breaks absorption performance into five classes, from A to E. The α_p values are compared to a series of fixed reference curves. The range between the reference curves is wide, so absorption classes provide only a rough indicator of sound absorption. Many of our ceilings offer class A sound absorption.

α_w	Sound absorption class
0,90 – 1,00	A
0,80 – 0,85	B
0,60 – 0,75	C
0,30 – 0,55	D
0,15 – 0,25	E
0,00 – 0,10	Not classified

Equivalent sound absorption area (A_{eq})

The sound absorption property of islands and baffles is quantified using the equivalent sound absorption area A_{eq} expressed as m² per object. This is the corresponding area of a fictive product, with an $\alpha_p = 1.00$, at all frequencies, which would then absorb the same amount of sound as the tested island or baffle.

The A_{eq} value is measured in accordance with the ISO 354. The reason for the difference in measurement value, is that an island or baffle also uses its edges to absorb sound, therefore it has a larger absorption area than just its surface. There is no standardised “weighted” equivalent sound absorption area, so one way to compare a plane ceiling with a ceiling of islands or baffles is to calculate the reverberation time for each room and situation. Rockfon Eclipse islands and Rockfon Contour baffles provide high sound absorption where modular suspended ceilings are not suitable.



Noise Reduction Coefficient (NRC)

Calculated in accordance with ASTM C423, the Noise Reduction Coefficient (NRC) provides a single-number rating for sound absorption (higher values are better). It is the mathematical average of the measured sound absorption coefficient α_s at 250, 500, 1000 and 2000 Hz frequencies. NRC gives equal weighting across the frequency range, which means it is not as accurate as α_w .

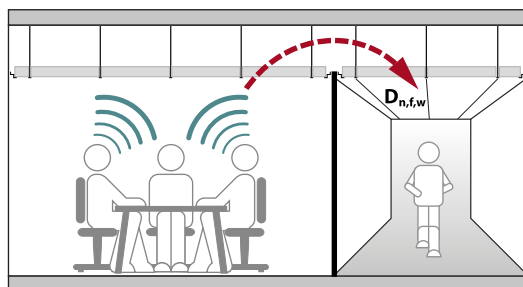


Sound insulation indicators

How much sound travels from one space to another?

Room-to-room sound insulation

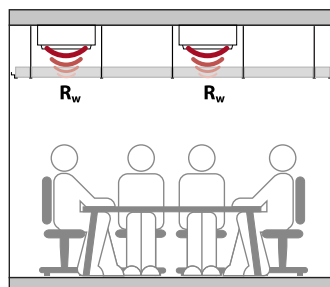
The $D_{n,f,w}$ value quantifies the longitudinal sound insulation provided by the ceiling between two rooms. The higher the $D_{n,f,w}$ value, the better the room-to-room sound insulation. The $D_{n,f,w}$ value can be considered equal to the previously-used $D_{n,C,w}$ value. $D_{n,f,w}$ is used by acousticians to predict the total sound insulation $D_{n,T,w}$ (R'_w ; $D_{n,T,A}$) between adjacent spaces.



Room-to-room noise transfer through the ceiling.

Direct sound insulation

The direct sound insulation in dB indicated by the sound reduction index (R_w) measures the reduction of sound passing through the suspended ceiling. Ceilings with high sound reduction index R_w will help prevent noise generated by installations in the plenum from entering the room.

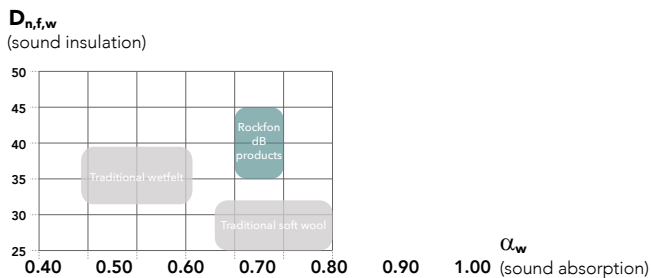


Noise from installations in the plenum is significantly reduced by a ceiling with a high sound reduction index (R_w).

Rockfon dB assortment – maximising sound insulation

Our dB range has been designed to block sound from passing through the ceiling resulting in high room-to-room and direct sound insulation.

What makes the dB range unique is that it provides a combination of both outstanding sound insulation and sound absorption in one tile.

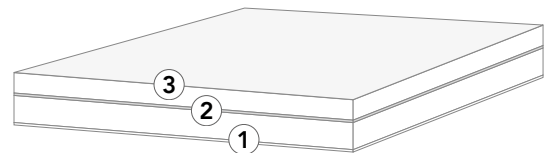


We offer four levels of dB panels:

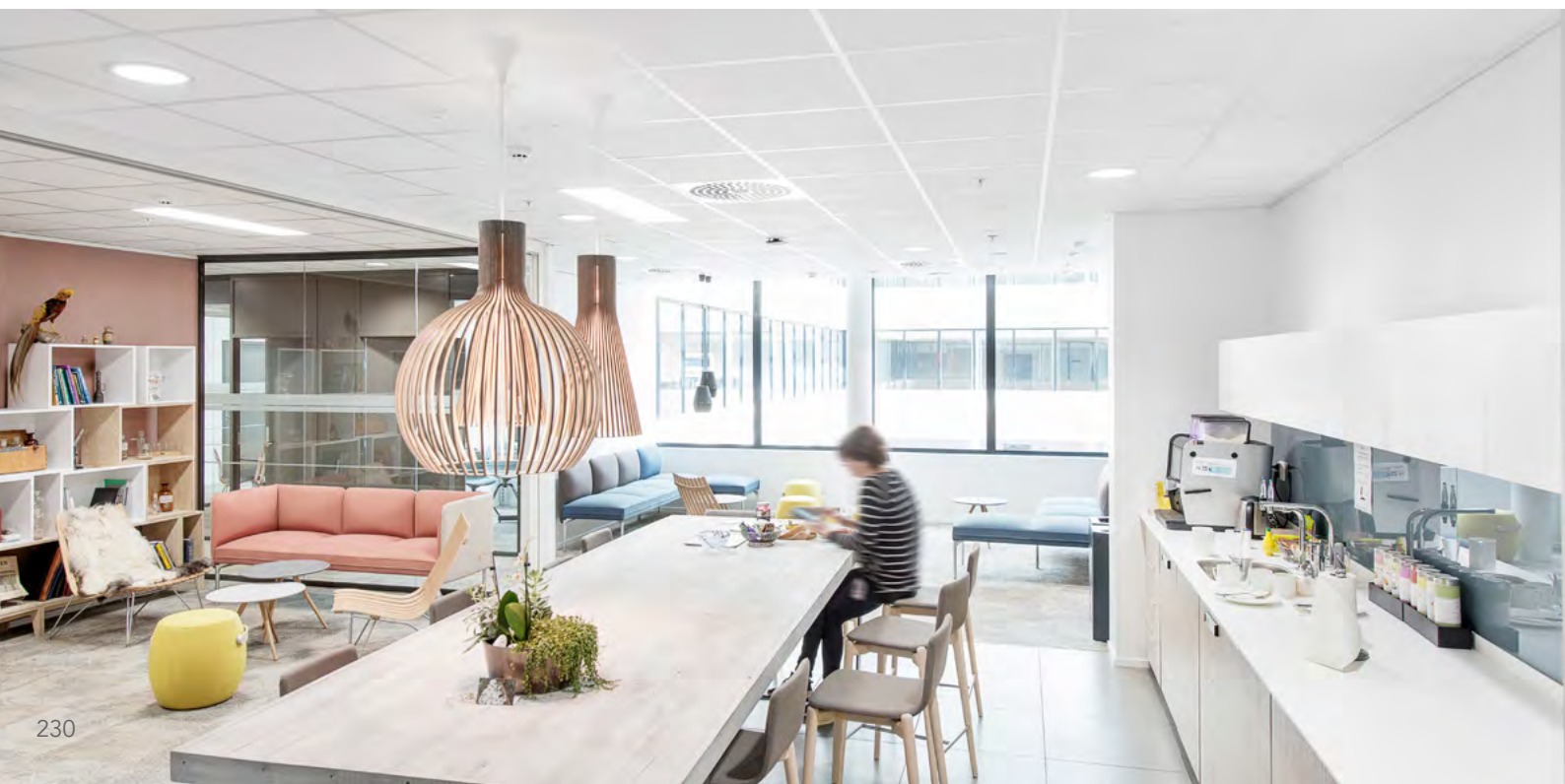
- **dB 35** provides a quiet environment and sound insulation where privacy is not of great importance
- **dB 41** is designed for spaces where concentration and privacy are important
- **dB 43** and **dB 46** provide a quiet environment and are designed for situations where privacy and confidentiality are required

Our dB range includes class A sound absorption with up to 46 dB sound insulation. Our sandwich technology used in dB 46 range combines:

Rockfon dB 46 panel



- ① A sound-absorbing front panel which absorbs sounds and thus lowers sound pressure levels for a quieter environment.
- ② An air-tight membrane which prevents sound from migrating to an adjacent room for higher privacy and confidentiality.
- ③ A sound absorbing back panel which captures sound in the plenum caused by light fixtures and sound leakage from other open installations.



Rockfon dB products

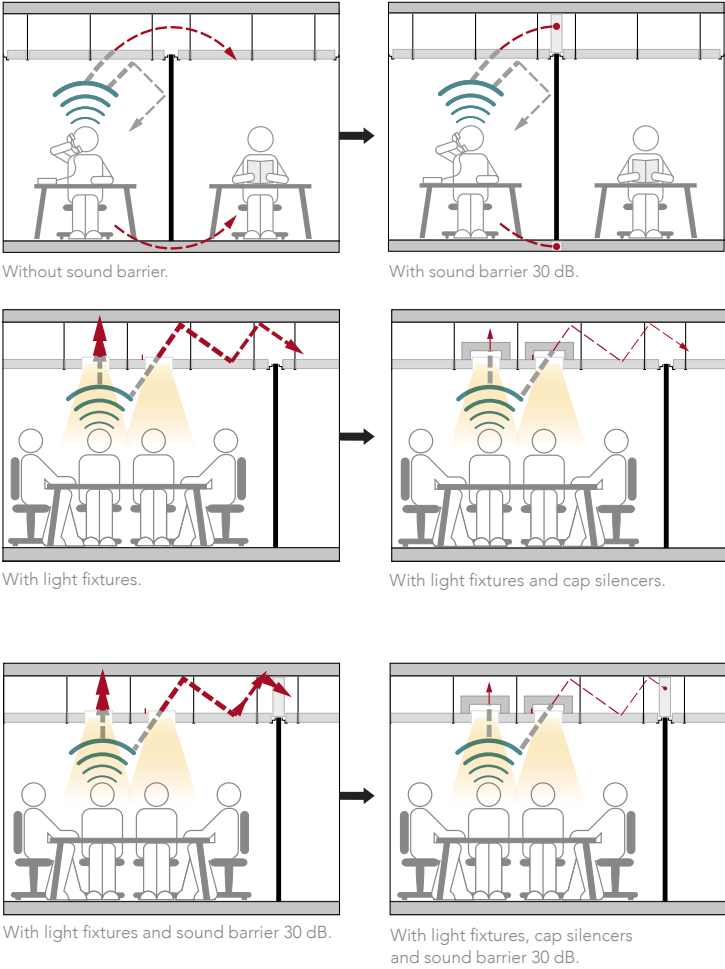
Rockfon dB products provide best in class performance due to a combination of high sound absorption and high sound insulation.

In combination with vertical sound barriers (stone wool based products placed on top of partition walls) and/or extra absorbing (stone wool) material in the plenum, Rockfon dB products can maximise sound insulation in very demanding situations (see table below). Moreover cap silencers installed above light fixtures and other open installations absorb transmitted sound, thus improving sound insulation.



Room-to-room sound insulation values D_{nrfw} (dB)	Without sound barrier		With sound barrier 30 dB	
	With light fixtures*	With light fixtures*	With light fixtures*	With light fixtures* and cap silencers
dB 35 A edge, 1200 x 600 mm	33 dB	35 dB	49 dB	50 dB
dB 41 A edge, 1200 x 600 mm	35 / 36 dB	39 / 40 dB	50 / 52 dB	53 / 54 dB
dB 43 A edge, 1200 x 600 mm	36 / 37 dB	40 / 41 dB	51 / 53 dB	54 / 55 dB
dB 46 A edge, 1200 x 600 mm	38 dB	42 dB	54 dB	55 dB

* Light fixtures: 4 x TBS 260 per room.
 / Dependent on Product. See Datasheet for further info.



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