

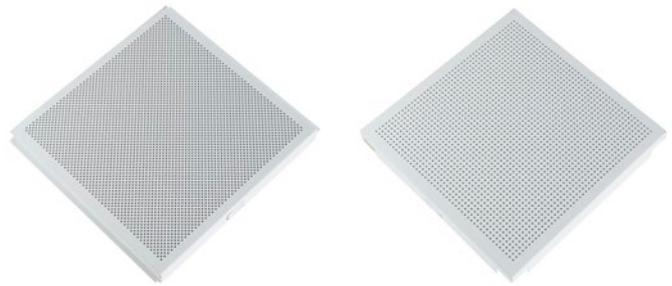
## Three easy steps to choosing Rockfon® Metal™

Suitable for offices, retail etc, these tiles are a combination of a proven, high performance stone wool core and attractive metal surfaces



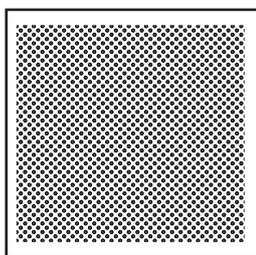
# Introducing Rockfon Metal

- Our metal tiles provide the highest  $\alpha_w = 1.00$ , Class A sound absorption and the safest possible A1 reaction to fire. Their factory-installed stone wool core is retained by a unique tab, for quick and reliable installations.
- Benefiting from a modern, white surface, with excellent light reflection, the ceiling tiles contribute to a bright and comfortable indoor environment.
- Available in a popular range of formats, in clip-in concealed, semi-concealed and visible grid options, with a choice of two modern, perforated surfaces.

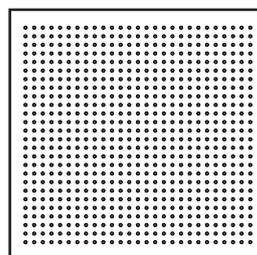


## Three easy steps to choosing Rockfon Metal

### 1. Choose your perforation pattern



**D1522 Perforation**  
 Hole diameter: 1.5mm  
 Inter-axes: 4 x 4mm  
 Perforation surface: 22% approx.  
 Plain border: 10mm  
 Light reflection 71%



**R1511 Perforation**  
 Hole diameter: 1.5mm  
 Inter-axes: 4 x 4mm  
 Perforation surface: 11% approx.  
 Plain border: 10mm  
 Light reflection: 82%

### 2. Choose your edge

Edge detail	Design	Description
<p>A<sub>M</sub>15</p>		Visible grid A edge
<p>A<sub>M</sub>24</p>		
<p>D<sub>M</sub> - clip in</p>		Concealed grid Clip-in edge
<p>E<sub>M</sub>15</p>		Semi-concealed grid E edge
<p>E<sub>M</sub>24</p>		

### 3. Choose your grid

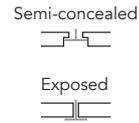
#### Chicago Metallic™ T24 Click 2890

- 24mm grid with universal main runner and joggled end cross tees
- A strong and stable grid which can be easily demounted time and again
- Used to create concealed, semi-concealed and exposed ceiling solutions
- An audible 'click' for fast and accurate installations

##### Cross-section



##### Compatible tiles



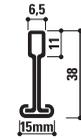
##### Coupling



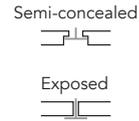
#### Chicago Metallic™ T15 Click 2790

- 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



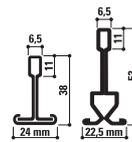
##### Coupling



#### Chicago Metallic™ Clip-in

- 22.5mm x 53mm clip-in grid for use with Rockfon® Metal™ Clip-in tiles
- Specific accessories available for quick and easy installation
- For use with Rockfon Metal Clip-in tiles and access key to create a concealed grid fully accessible ceiling

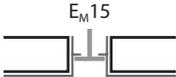
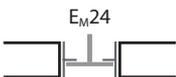
##### Cross-section



##### Compatible tiles



## Now specify your Rockfon System Metal!

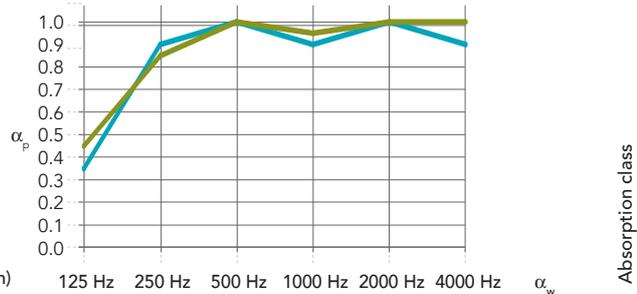
Edge detail	Module size (mm)	Chicago Metallic Grid	Recommended installation System
 A <sub>M</sub> 15	600 x 600 x 20	Chicago Metallic T15 Click 2790	Rockfon® System Metal T15 A <sub>M'</sub> E <sub>M</sub> ™
 A <sub>M</sub> 24	600 x 600 x 20	Chicago Metallic T24 Click 2890	Rockfon® System Metal T24 A <sub>M'</sub> E <sub>M</sub> ™
 D <sub>M</sub> - clip in	600 x 600 x 25	Chicago Metallic Clip-in	Rockfon® System Metal Clip-in D <sub>M</sub> ™
 E <sub>M</sub> 15	600 x 600 x 20	Chicago Metallic T15 Click 2790	Rockfon® System Metal T15 A <sub>M'</sub> E <sub>M</sub> ™
	1200 x 300 x 20		
 E <sub>M</sub> 24	600 x 600 x 20	Chicago Metallic T24 Click 2890	Rockfon® System Metal T24 A <sub>M'</sub> E <sub>M</sub> ™

# Tile performance



## Sound absorption

$\alpha_w$ : 1.00 (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	$\alpha_w$	Absorption class	NRC
R1511 20-25 / 200	0.35	0.90	1.00	0.90	1.00	0.90	1.00	A	0.95
D1522 20-25 / 200	0.45	0.85	1.00	0.95	1.00	1.00	1.00	A	0.95



## Reaction to fire

A1



## Light reflection

71% light reflection (D1522 perforation)  
82% light reflection (R1511 perforation)



## Corrosion resistance

Class B (EN13964)



## Cleaning

- Vacuum
- Damp cloth



## Hygiene

Coated metal and stone wool provides no sustenance to microorganisms



## Environment

Fully recyclable



## Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low VOC emission products



# Grid performance



## Reaction to fire

A1



## Corrosion resistance

Class B (EN13964)

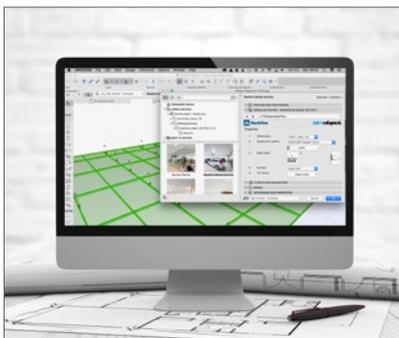


## Environment

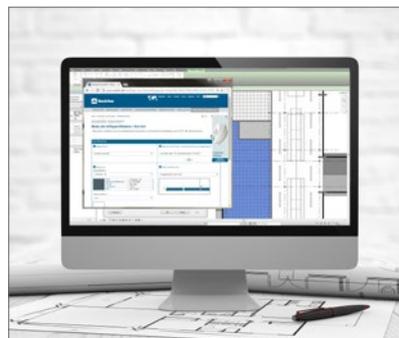
Fully recyclable

# Tools

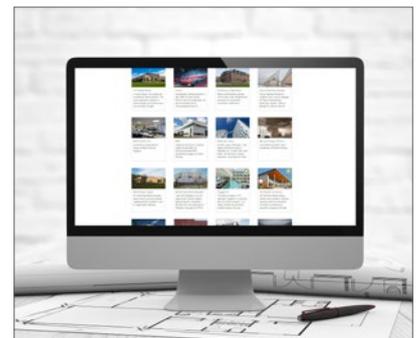
Rockfon has developed specific tools that are available on [www.rockfon.co.uk](http://www.rockfon.co.uk).



Visit our CAD library and BIM portal to assist you in your project design.



Generate specification texts for our products.



Explore our vast library of reference projects.



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