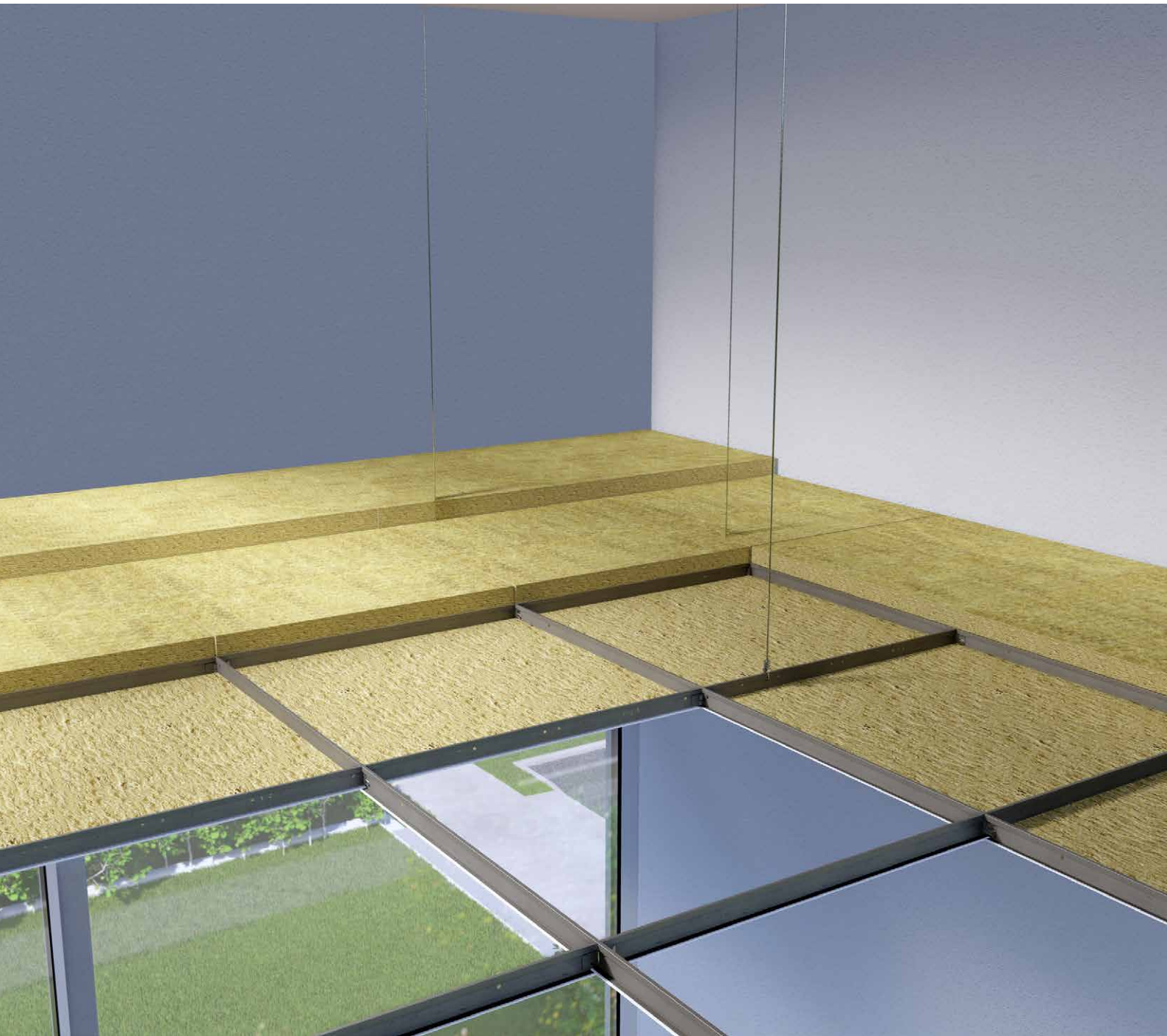


DATASHEET

Rockfon® Industrial Nature



Sounds Beautiful

Rockfon® Industrial Nature

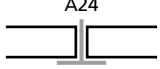

- A complementary acoustic solution that is ideal for areas that require enhanced sound absorption at low frequencies, between 125 Hz & 250 Hz, such as classrooms
- Improves acoustic comfort and increases speech intelligibility when laid on top of a Rockfon ceiling
- It can be combined with an assortment of Rockfon ceiling tiles or used on its own in certain applications
- Easy to install without the need to cut the product
- Safest fire safety (Class A1)

Product Description

- Stone wool tile
- Visible side: pre-finished surface
- Rear side: back fleece

Application Areas

- Industry
- Leisure
- Retail
- 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)*
 <p>A24</p>	1200 x 600 x 50	4.0	39%		3.38	4.49

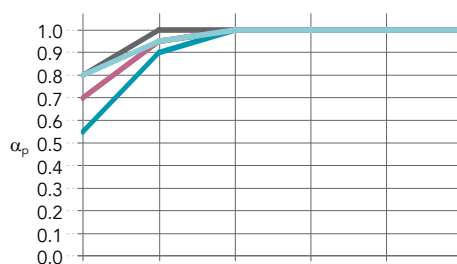
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/uk-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : 1.00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
50 / 200	0.55	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
Blanka A 20mm (with Industrial Nature overlay) 50mm / E-250	0.70	0.95	1.00	1.00	1.00	1.00	1.00	A	1.05
Tropic A 20mm (with Industrial Nature overlay) 50mm / E-250	0.70	0.95	1.00	1.00	1.00	1.00	1.00	A	1.00
Blanka A 20mm (with 2 x layers of Industrial Nature overlay) 50mm / E-300	0.80	1.00	1.00	1.00	1.00	1.00	1.00	A	1.05
Tropic A 20mm (with 2 x layers of Industrial Nature overlay) 50mm / E-300	0.80	0.95	1.00	1.00	1.00	1.00	1.00	A	1.05



Reaction to fire
 A1



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



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$
 Thermal resistance:
 50 mm: $R = 1.35 \text{ m}^2\text{K/W}$



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.

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