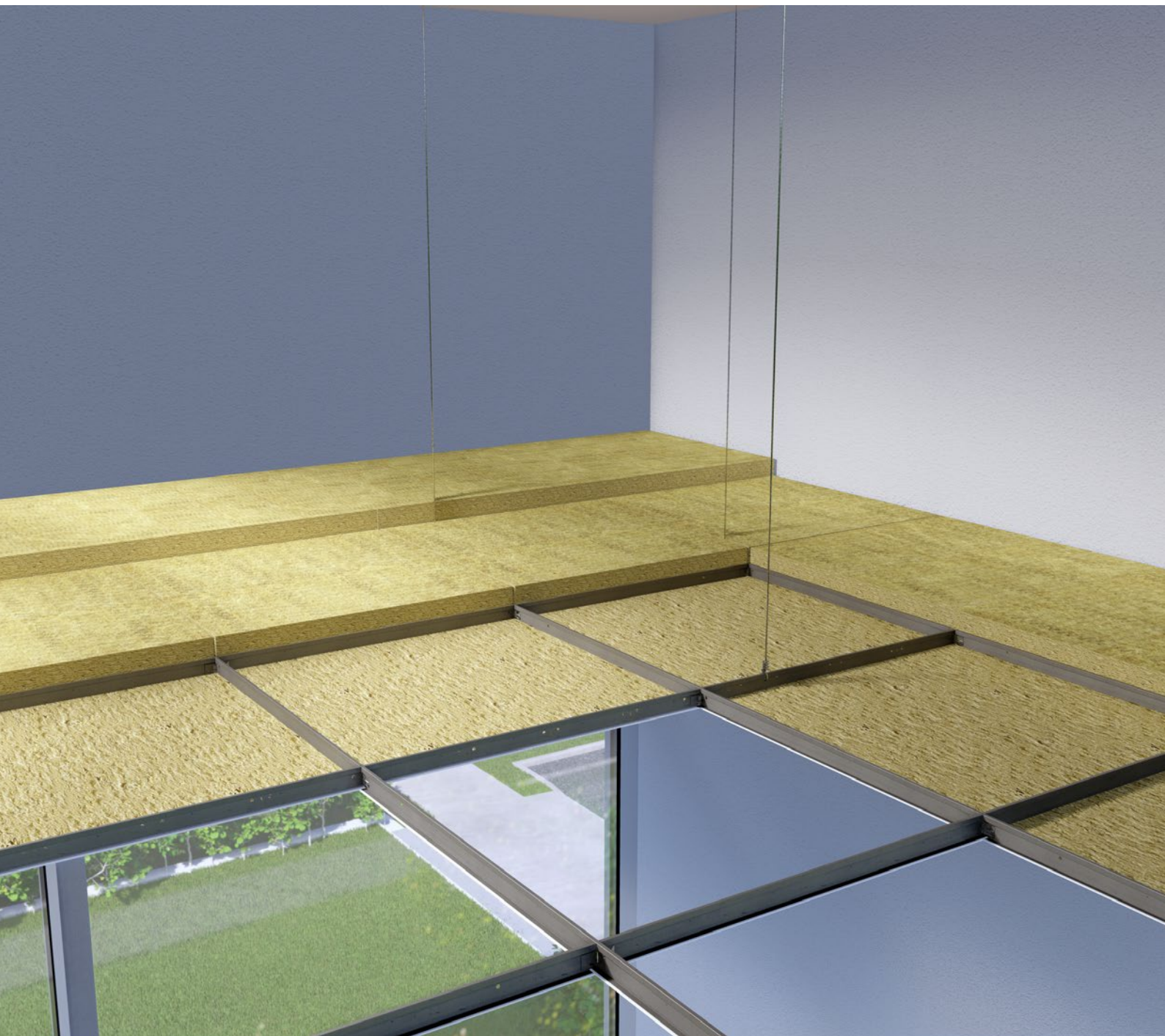


DATASHEET

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

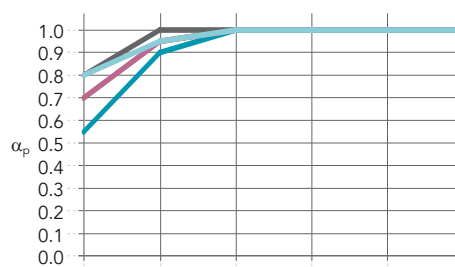
Edge detail	Module size (mm)	Weight (kg/m²)
A24 	1200 x 600 x 50	4.0



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



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.93 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.26 kg of CO₂ eq. (based on third party verified EPD)



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 emission products



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



Sounds Beautiful

