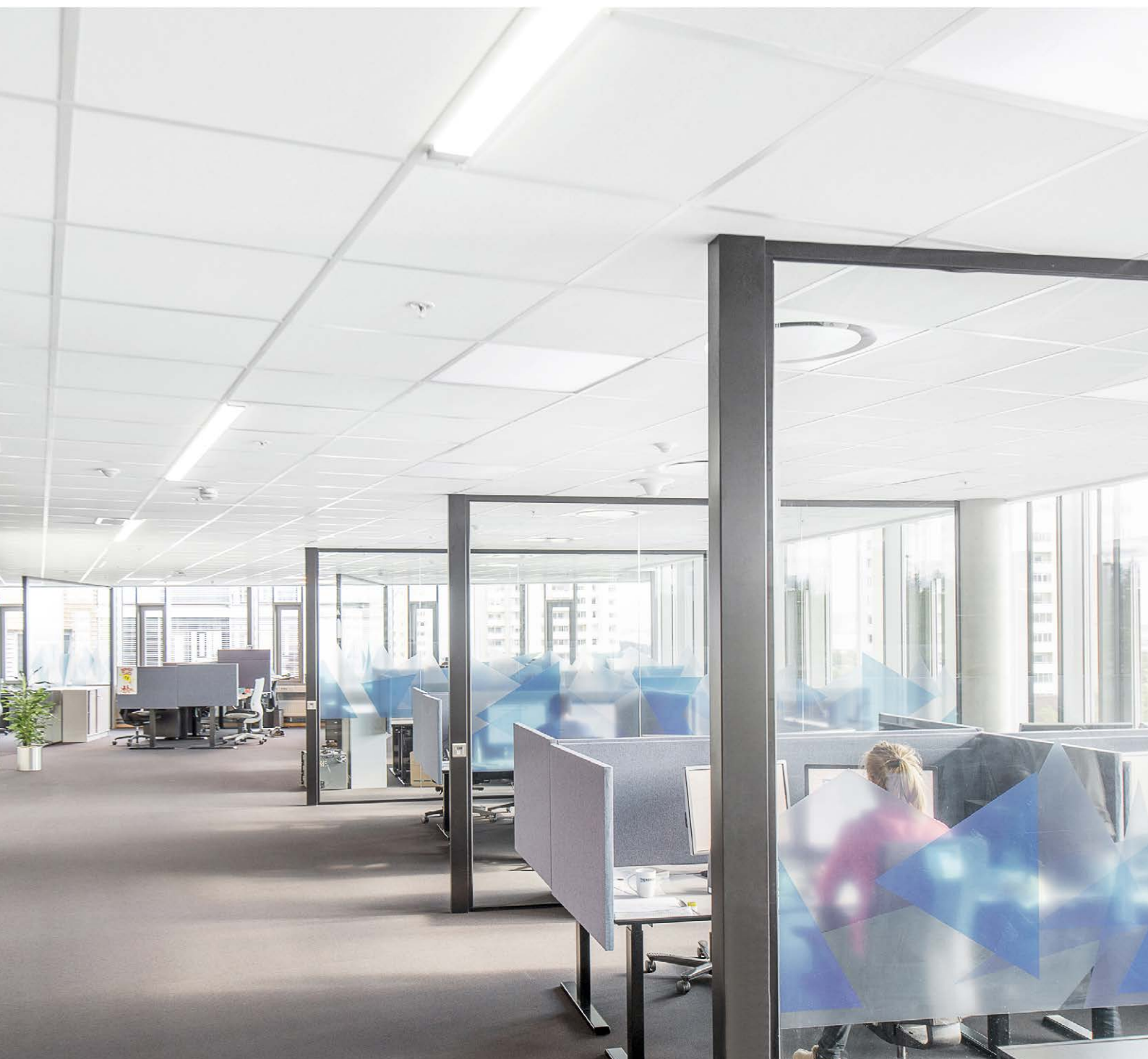


DATASHEET

Rockfon Blanka® dB 43



Sounds Beautiful

Rockfon Blanka® dB 43

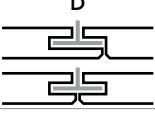
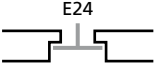
- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- 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

Edges	Module size (mm)	Weight (kg/m ²)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	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%	Silver	5.49	7.44
	1200 x 600 x 40		Rockfon® System dB T24 A, E				
 D	600 x 600 x 40	7.0	Rockfon® System XL T24 D	50%	Silver	5.49	7.44
	1200 x 600 x 40		Rockfon® System XL T24 D				
 E15	600 x 600 x 40	7.0	Rockfon® System dB Ultraline E	50%	Silver	5.49	7.44
	1200 x 600 x 40		Rockfon® System dB Ultraline E				
 E24	600 x 600 x 40	7.0	Rockfon® System T24 E	50%	Silver	5.49	7.44
	1200 x 600 x 40		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)



Direct sound insulation

R_w = 22 dB



Room to room sound insulation

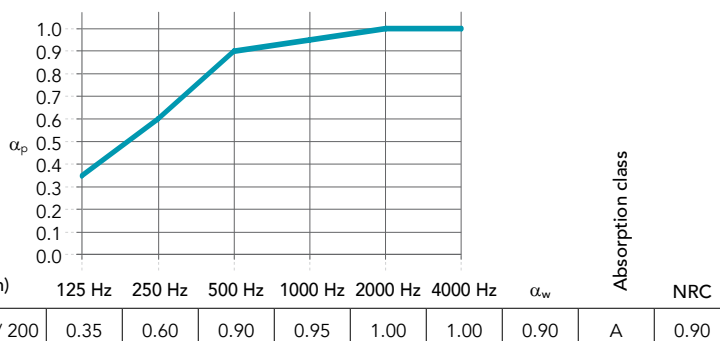
$D_{n,f,w}$ = 43 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 53* dB

$D_{n,f,w}$ with Rockfon Soundstop 30 dB = 53* 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

87% light reflection
>99% light diffusion



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.



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



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



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 or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. 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.

Sounds Beautiful

