

# Rockfon Blanka® dB 43

Datasheet



**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 smooth, deep matt, 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 in weight, sound insulating tile, easy to install and cut, cleaned with a vacuum or damp cloth

## Product Description

- Stone wool tile
- Visible side: smooth, deep matt, 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 <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation System
 A24	600 x 600 x 40	7.0	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 40	7.0	50 / 200	Rockfon® System T24 A™
 D	600 x 600 x 40	7.0	112 / 112	Rockfon® System XL T24 D™
 E15	600 x 600 x 40	7.0	60 / 200	Rockfon® System T15 E™
	1200 x 600 x 40	7.0	60 / 200	Rockfon® System T15 E™
 E24	600 x 600 x 40	7.0	60 / 200	Rockfon® System T24 E™
	1200 x 600 x 40	7.0	60 / 200	Rockfon® System T24 E™

MS = Minimum Suspension

When installing Blanka dB43 tiles with D edge in System XL T24 D an additional wire suspension hanger shall be placed on all 1800mm cross tees. The additional hanger shall be positioned approximately 550mm from a main runner.



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.90 (Class A)

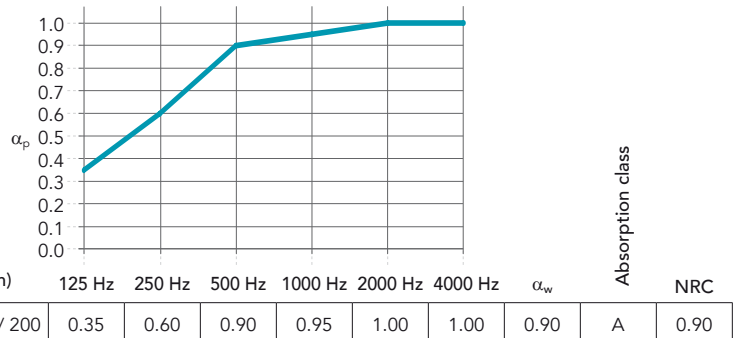


**Direct sound insulation**  
 $R_w$  = 22 dB



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

$D_{n,f,w}$  with Rockfon Acoustimass = 54\* dB  
 $D_{n,f,w}$  with Rockfon Soundstop 30 dB = 56\* 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/ON



**Cleaning**  
 - Vacuum  
 - Damp cloth



**Hygiene**  
 Stone wool provides no sustenance to microorganisms



**Surface durability**  
 Enhanced durability and dirt resistance.  
 Wet-scrub resistance: Class 5  
 The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



**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**  
 6.65 kg of CO2 eq.  
 (cradle to gate based on 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:  $\lambda_D$  = 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.



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