

Rockfon Blanka® dB 41



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- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for a flexible and quiet office layout
- Made from a 35mm stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room-to-room
- The enhanced surface durability makes it more resistant to dirt and everyday wear and tear, enhancing the product lifetime
- 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)	MS / MS Easy Access (mm)	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)*
	600 x 600 x 35	5.6	50 / 150	Rockfon® System dB T24 A, E	49%	Silver	4.73	6.31
	1200 x 600 x 35		50 / 150	Rockfon® System dB T24 A, E				
			50 / 150	Rockfon® System dB Bandraaster A				
	600 x 600 x 35	5.6	62 / 87	Rockfon® System XL T24 D	49%	Silver	4.73	6.31
	1200 x 600 x 35		69 / 69	Rockfon® System T24 Stepped Z D				
	1200 x 600 x 35	5.6	150 / 150	Rockfon® System Bandraaster Dzn/AEX	49%	Silver	4.73	6.31
	1500 x 600 x 35		150 / 150	Rockfon® System Bandraaster Dzn/AEX				
	1800 x 600 x 35		150 / 150	Rockfon® System Bandraaster Dzn/AEX				
	600 x 600 x 35	5.6	60 / 150	Rockfon® System T15 E	49%	Silver	4.73	6.31
	1200 x 600 x 35		60 / 150	Rockfon® System T15 E				
	600 x 600 x 35	5.6	60 / 150	Rockfon® System dB T24 A, E	49%	Silver	4.73	6.31
	1200 x 600 x 35		60 / 150	Rockfon® System dB T24 A, E				

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/cee-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 = 21 dB



Sound insulation improvement
 Plenum 1000 mm
 - ΔR_w = 9 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 8 ; 6 dB

Plenum 620 mm
 - ΔR_w = 8 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 5 dB

Plenum 350 mm
 - ΔR_w = 9 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 4 dB

Plenum 160 mm
 - ΔR_w = 6 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 5 ; 2 dB

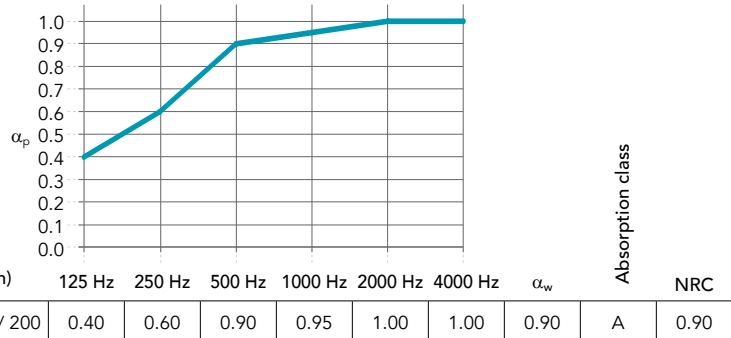
Weighted sound reduction improvement performance measured in accordance with EN ISO 10140-series



Room to room sound insulation
 $D_{n,f,w}$ = 41 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 50* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 55* 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/0N



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.

Sounds Beautiful

