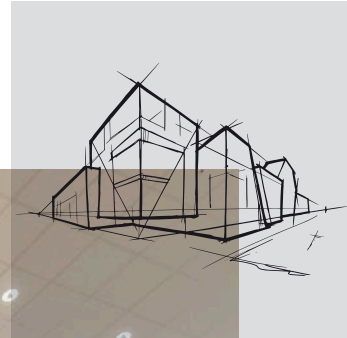


Rockfon Blanka® dB 41

Datasheet



Rockfon Blanka® dB 41





- 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

Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System
 A24	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 3820
 D	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 1812
		5,6	Chicago Metallic™ T24 1812
		5,6	Chicago Metallic™ T24 3820
 E15	600 x 600 x 35	5,6	Chicago Metallic™ T15 4060
		5,6	Chicago Metallic™ T15 Ultraline 3500
		5,6	Chicago Metallic™ T15 Decorline 3700
	1200 x 600 x 35	5,6	Chicago Metallic™ T15 4060
		5,6	Chicago Metallic™ T15 Ultraline 3500
		5,6	Chicago Metallic™ T15 Decorline 3700
 E24	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 1812
		5,6	Chicago Metallic™ T24 3820
		5,6	Chicago Metallic™ T24 1812



Performance



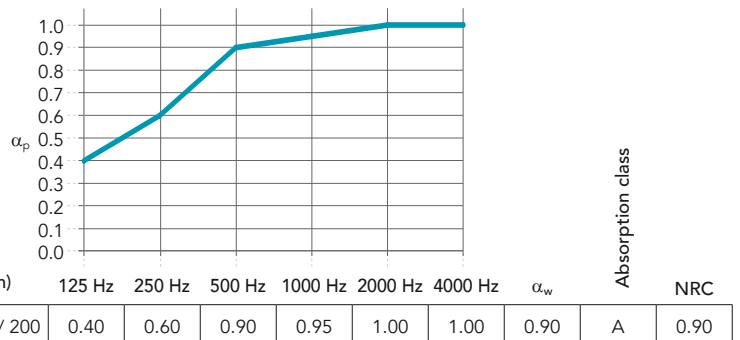
Sound absorption
 $\alpha_w = 0.90$ (Class A)



Direct sound insulation
 $R_w = 21$ dB



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



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/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 1
 The wet-scrub resistance is tested in accordance with EN ISO 11998:2007, rated on a scale from 1 to 5, where 1 is best.



Environment
 Recyclable



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: $R = 0,85$ 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.



Rockfon® is a registered trademark
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