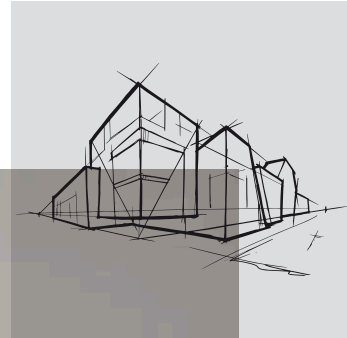


# Rockfon Blanka<sup>®</sup> dB 46

Datasheet



# Rockfon Blanka® dB 46





- Provides enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) in areas where privacy and acoustical comfort are important
- Made from a 50mm dual layer stone wool core with a high performance membrane sandwich construction
- The surface is deep-matt, smooth and super-white and has 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

- Dual layer stone wool tile with inner high performance membrane
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

## Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Approximate weight (kg/m <sup>2</sup> )	Recommended installation System
 A24	600 x 600 x 50	7,9	Chicago Metallic™ T24 3810
	1200 x 600 x 50	7,9	Chicago Metallic™ T24 3810
 D	600 x 600 x 50	7,9	Chicago Metallic™ T24 3810
		7,9	Chicago Metallic™ T24 1812
 E15	600 x 600 x 50	7,9	Chicago Metallic™ T15 4050
		7,9	Chicago Metallic™ T15 Ultraline 3500
		7,9	Chicago Metallic™ T15 Decorline 3700
	1200 x 600 x 50	7,9	Chicago Metallic™ T15 4050
		7,9	Chicago Metallic™ T15 Ultraline 3500
		7,9	Chicago Metallic™ T15 Decorline 3700
 E24	600 x 600 x 50	7,9	Chicago Metallic™ T24 3810
		7,9	Chicago Metallic™ T24 1812
	1200 x 600 x 50	7,9	Chicago Metallic™ T24 3810
		7,9	Chicago Metallic™ T24 1812



## Performance



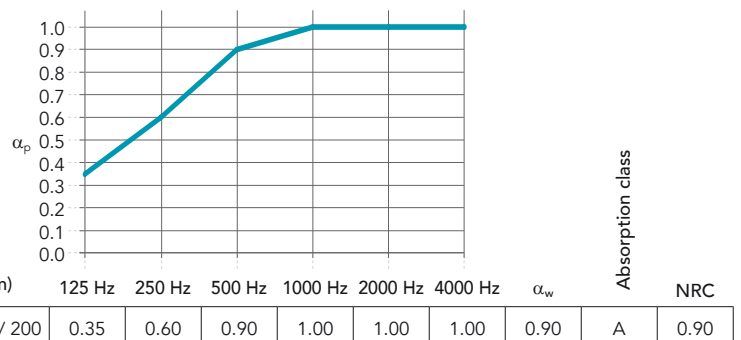
**Sound absorption**  
 $\alpha_w = 0.90$  (Class A)



**Direct sound insulation**  
 $R_w = 25$  dB



**Room to room sound insulation**  
 $D_{n,f,w} = 46$  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**  
 The stone wool core is 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:  $R = 1,25$  m<sup>2</sup>K/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  
of the ROCKWOOL Group.

07.2020 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

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