

# Rockfon Blanka® 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 acoustic comfort are important
- Made from a 50mm dual layer stone wool core with a high performance membrane 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

- Dual layer stone wool tile with inner high performance membrane
- Visible side: smooth, deep matt, super white painted fleece
- Rear side: back fleece
- 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 50	7.9	80 / 200	Rockfon® System dB™
	1200 x 600 x 50	7.9	80 / 200	Rockfon® System dB™
 D	600 x 600 x 50	7.9	112 / 112	Rockfon® System dB™
 E15	600 x 600 x 50	7.9	90 / 200	Rockfon® System dB™
	1200 x 600 x 50	7.9	90 / 200	Rockfon® System dB™
 E24	600 x 600 x 50	7.9	90 / 200	Rockfon® System dB™
	1200 x 600 x 50	7.9	90 / 200	Rockfon® System dB™

MS = Minimum Suspension



## Performance



### Sound absorption

$\alpha_w$ : 0.95 (Class A)



### Direct sound insulation

$R_w$  = 25 dB

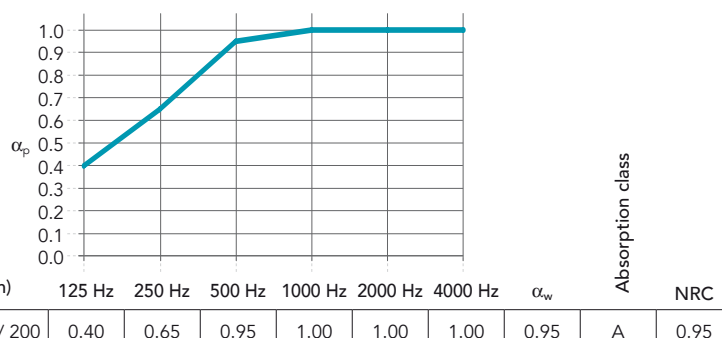


### Room to room sound insulation

$D_{n,f,w}$  = 46 dB

$D_{n,f,w}$  with Rockfon Acoustimass = 56\* dB

$D_{n,f,w}$  with Rockfon Soundstop 30 dB = 58\* 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/0N



### Cleaning

- Vacuum
- Damp cloth



### Hygiene

Stone wool provides no  
sustenance to microorganisms



### 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.



### 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



### Thermal insulation

Thermal conductivity:  $\lambda_D$  = 40 mW/mK  
Thermal resistance: R = 1.25 m²K/W