

DATASHEET

Rockfon Blanka® dB 43



Sounds Beautiful

Rockfon Blanka® dB 43



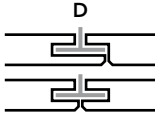

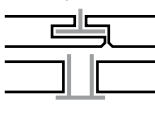

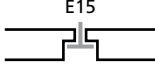

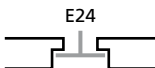

- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- A deep-matt, smooth, 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 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) | Weight (kg/m ²) | MS / MS easy access (mm) | Recommended installation system | Recycled content | Cradle to Cradle Certified® | A1-A3 Production stage impact (kg CO ₂ eq/m ²)* | A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)* |
|----------------------------------------------------------------------------------------------|------------------|-----------------------------|--------------------------|-------------------------------------|------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  A24 | 600 x 600 x 40 | 7,0 | 50 / 200 | Rockfon® System dB T24 A, E™ | 38% |  | 5,49 | 7,44 |
| | 1200 x 600 x 40 | | 50 / 200 | Rockfon® System dB T24 A, E™ | | | | |
| | | | 50 / 200 | Rockfon® System dB Bandraster A™ | | | | |
|  D | 600 x 600 x 40 | 7,0 | 62 / 92 | Rockfon® System XL T24 D™ | 38% |  | 5,49 | 7,44 |
|  D/AEX | 1200 x 600 x 40 | 7,0 | 150 / 150 | Rockfon® System Bandraster Dzn/AEX™ | 38% |  | 5,49 | 7,44 |
| | 1500 x 600 x 40 | | 150 / 150 | Rockfon® System Bandraster Dzn/AEX™ | | | | |
| | 1800 x 600 x 40 | | 150 / 150 | Rockfon® System Bandraster Dzn/AEX™ | | | | |
|  E15 | 600 x 600 x 40 | 7,0 | 60 / 200 | Rockfon® System T15 E™ | 38% |  | 5,49 | 7,44 |
| | 1200 x 600 x 40 | | 60 / 200 | Rockfon® System T15 E™ | | | | |
|  E24 | 600 x 600 x 40 | 7,0 | 60 / 200 | Rockfon® System dB T24 A, E™ | 38% |  | 5,49 | 7,44 |
| | 1200 x 600 x 40 | | 60 / 200 | 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 = 22 dB



Room to room sound insulation

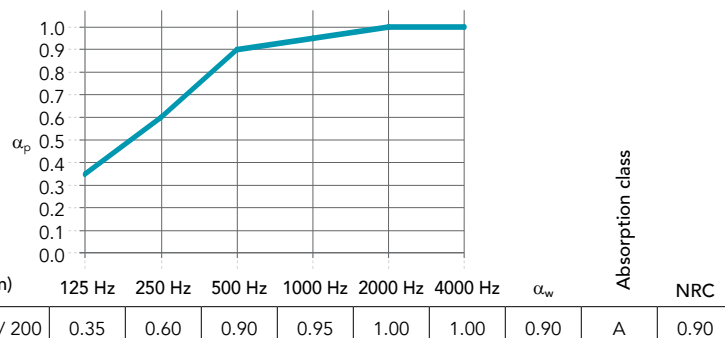
$D_{n,f,w}$ = 43 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 53* 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/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 11998:2007 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



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.



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 technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

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