

DATASHEET

Rockfon Blanka® dB 35



Sounds Beautiful

Rockfon Blanka® dB 35



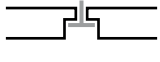



- Combines room to room sound insulation as well as good sound absorption for a flexible office layout where confidentiality is not an issue
- Made from a 25mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room to room
- A smooth, deep matt, super white surface finish with enhanced durability making it more resistant to dirt and everyday wear and tear
- Basic range of formats in 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

- Stone wool tile
- Visible side: smooth, deep matt, 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 25 | 3.4 | 50 / 100 | Rockfon® System T24 A™ | 36% |  | 3.65 | 4.62 |
| | 1200 x 600 x 25 | | 50 / 100 | Rockfon® System T24 A™ | | | | |
|  E15 | 600 x 600 x 25 | 3.4 | 60 / 100 | Rockfon® System T15 E™ | 36% |  | 3.65 | 4.62 |
| | 1200 x 600 x 25 | | 60 / 100 | Rockfon® System T15 E™ | | | | |
|  E24 | 600 x 600 x 25 | 3.4 | 60 / 100 | Rockfon® System T24 E™ | 36% |  | 3.65 | 4.62 |
| | 1200 x 600 x 25 | | 60 / 100 | Rockfon® System T24 E™ | | | | |

MS = Minimum Suspension

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/uk-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 : 0.80 (Class B)



Direct sound insulation
 R_w = 19 dB



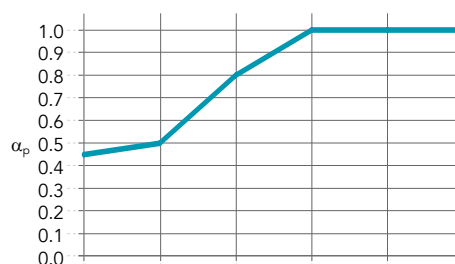
Room to room sound insulation
 $D_{n,f,w}$ = 35 dB

$D_{n,f,w}$ with Rockfon Acoustimass = 45* dB

$D_{n,f,w}$ with Rockfon Soundstop 30 dB = 50* 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.



Thickness (mm) /
 Suspension (incl. tile - mm)

| | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | α_w | Absorption class | NRC |
|----------|--------|--------|--------|---------|---------|---------|------------|------------------|------|
| 25 / 200 | 0.45 | 0.50 | 0.80 | 1.00 | 1.00 | 1.00 | 0.80 | B | 0.85 |



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.



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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