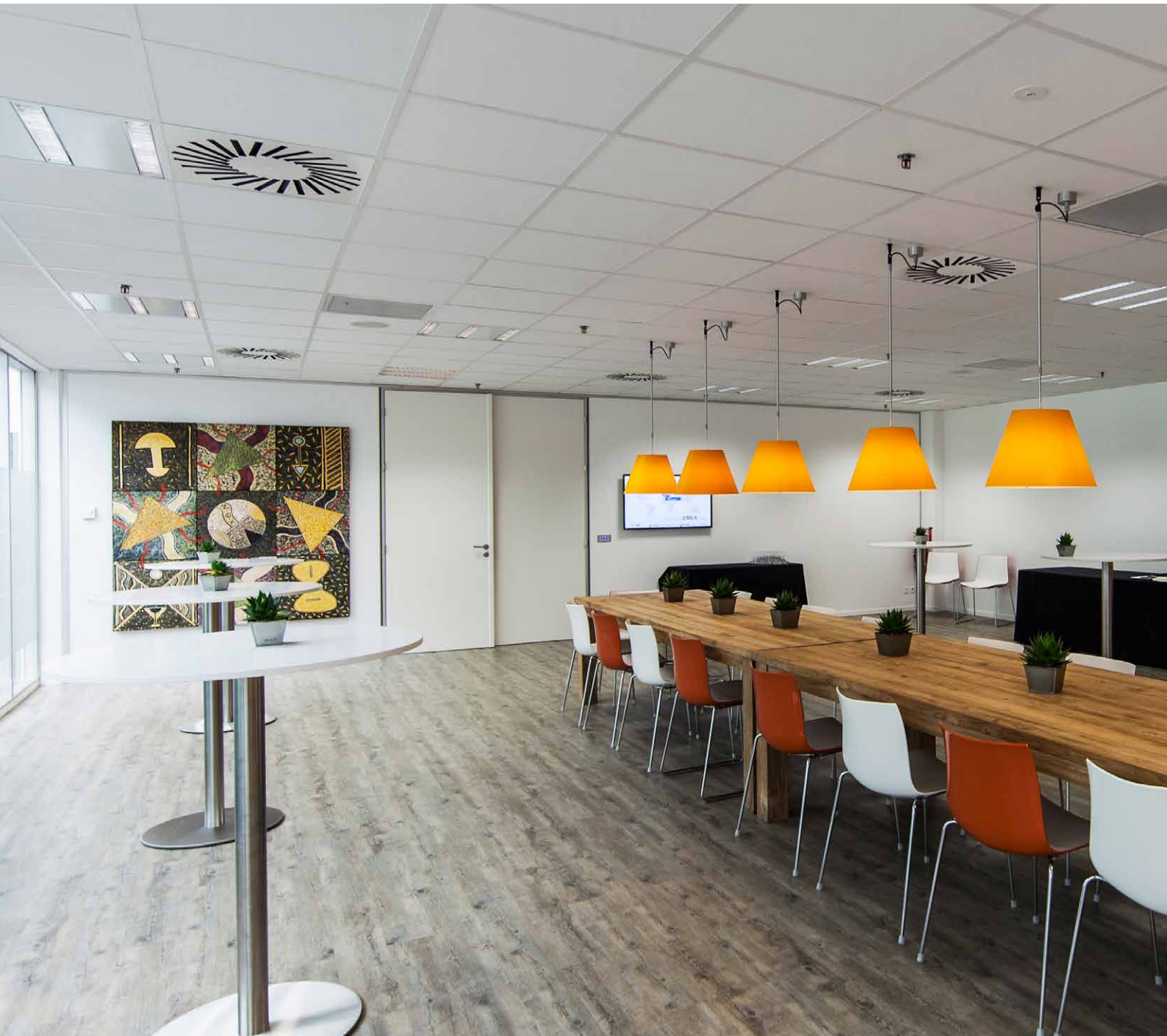


DATASHEET

Rockfon Sonar® dB 41



Sounds Beautiful

Rockfon Sonar® 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
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured 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) | 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 35 | 5.6 | 39% |  | 5.58 | 7.24 |
| | 1200 x 600 x 35 | | | | | |
|  D | 600 x 600 x 35 | 5.6 | 39% |  | 5.58 | 7.24 |
| | 1200 x 600 x 35 | | | | | |
|  E15 | 600 x 600 x 35 | 5.6 | 39% |  | 5.58 | 7.24 |
| | 1200 x 600 x 35 | | | | | |
|  E24 | 600 x 600 x 35 | 5.6 | 39% |  | 5.58 | 7.24 |
| | 1200 x 600 x 35 | | | | | |

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-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)

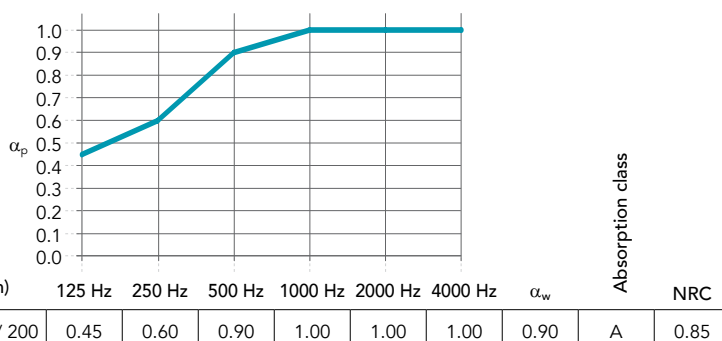


Direct sound insulation
 R_w = 21 dB



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

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Thermal insulation
 Thermal conductivity: λ_D = 40 mW/mK
 Thermal resistance: R = 0,85 m²K/W



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

Sounds Beautiful

