

# Rockfon® Sonar® dB 41

Datasheet



**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 <sup>2</sup> )	Recommended installation System
 A24	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 3820
 D	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
		5,6	Chicago Metallic™ T24 1812
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 3820
		5,6	Chicago Metallic™ T24 1812
 E15	600 x 600 x 35	5,6	Chicago Metallic™ T15 4060
		5,6	Chicago Metallic™ T15 Decorline 3700
	1200 x 600 x 35	5,6	Chicago Metallic™ T15 4060
		5,6	Chicago Metallic™ T15 Decorline 3700
 E24	600 x 600 x 35	5,6	Chicago Metallic™ T24 3820
		5,6	Chicago Metallic™ T24 1812
	1200 x 600 x 35	5,6	Chicago Metallic™ T24 3820
		5,6	Chicago Metallic™ T24 1812



## Performance



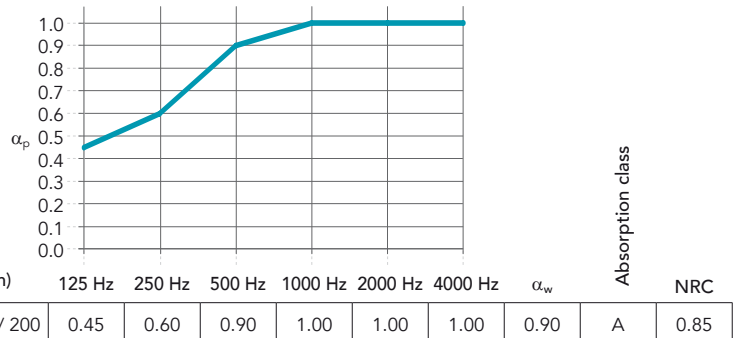
**Sound absorption**  
 $\alpha_w = 0.90$  (Class A)



**Direct sound insulation**  
 $R_w = 21$  dB



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



**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



**Environment**  
 Fully recyclable stone wool  
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.  
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



**Carbon footprint**  
 5.46 kg of CO2 eq.  
 (cradle to gate based on EPD)



**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:  $R = 0,85$  m<sup>2</sup>K/W



Rockfon® is a registered trademark  
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06.2021 | 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.

## Sounds Beautiful

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