

DATASHEET

# Rockfon® Sonar®



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- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

## Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

## Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
 A15	600 x 600 x 20	2.8	50 / 100	Rockfon® System T15 A™	34%		3.15	3.94
	1200 x 600 x 20		50 / 100	Rockfon® System T15 A™				
 A24	600 x 600 x 20	2.8	50 / 100	Rockfon® System T24 A™	34%		3.15	3.94
	1200 x 600 x 20		50 / 100	Rockfon® System T24 A™				
	1800 x 600 x 20		50 / 100	Rockfon® System T24 A™				
 D	600 x 600 x 20	3.4	62 / 62	Rockfon® System T24 Stepped Z D™	36%		2.57	3.63
	1200 x 600 x 20		62 / 62	Rockfon® System T24 Stepped Z D™				
	1800 x 600 x 20		62 / 62	Rockfon® System T24 Stepped Z D™				
 E15	600 x 600 x 20	2.8	60 / 100	Rockfon® System T15 E™	35%		3.15	3.94
	1200 x 600 x 20		60 / 100	Rockfon® System T15 E™				
 E24	600 x 600 x 20	2.8	60 / 100	Rockfon® System T24 E™	35%		3.15	3.94
	1200 x 600 x 20		60 / 100	Rockfon® System T24 E™				
	1800 x 600 x 20		60 / 100	Rockfon® System T24 E™				
 X	600 x 600 x 22	3.7	67 / 67	Rockfon® System T24 X™	36%		3.28	4.39
	1200 x 600 x 22		67 / 67	Rockfon® System T24 X™				
	1800 x 600 x 22		67 / 67	Rockfon® System T24 X™				

MS = Minimum Suspension (Local)

\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



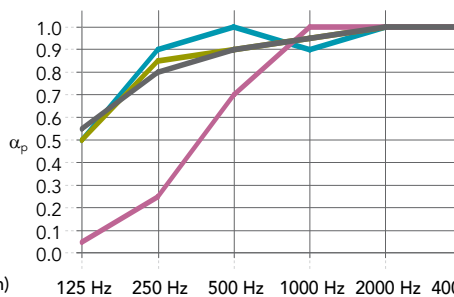
## Performance



**Sound absorption**  
 $\alpha_w$ : up to 1,00 (Class A)



**Room to room sound insulation**  
 $D_{n,f,w}$  = 27 dB



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	Absorption class	NRC
A,E: 20-25 / 200	0.50	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
Other edges: 20-25 / 200	0.50	0.85	0.90	0.95	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.05	0.25	0.70	1.00	1.00	1.00	0.55	D	0.75
X: 22 / 200	0.55	0.80	0.90	0.95	1.00	1.00	0.95	A	0.95



**Reaction to fire**  
 A1



**Fire resistance**  
 30-60 mins\*  
 \*Subject to edge details, module sizes, grid and hold down clips. Contact our Technical team for more information.



**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



**Clean Room**  
 ISO Class 5



**Impact resistance**  
 Class 3A (Fastening clip)  
 Impact resistance of Rockfon Sonar with edge Z or M mounted with fastening clip has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



**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.

# Sounds Beautiful

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