

DATASHEET

Rockfon Sonar®



 **Sounds Beautiful**

Rockfon Sonar®

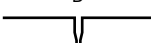
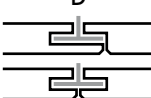
- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

Product Description

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

Application Areas

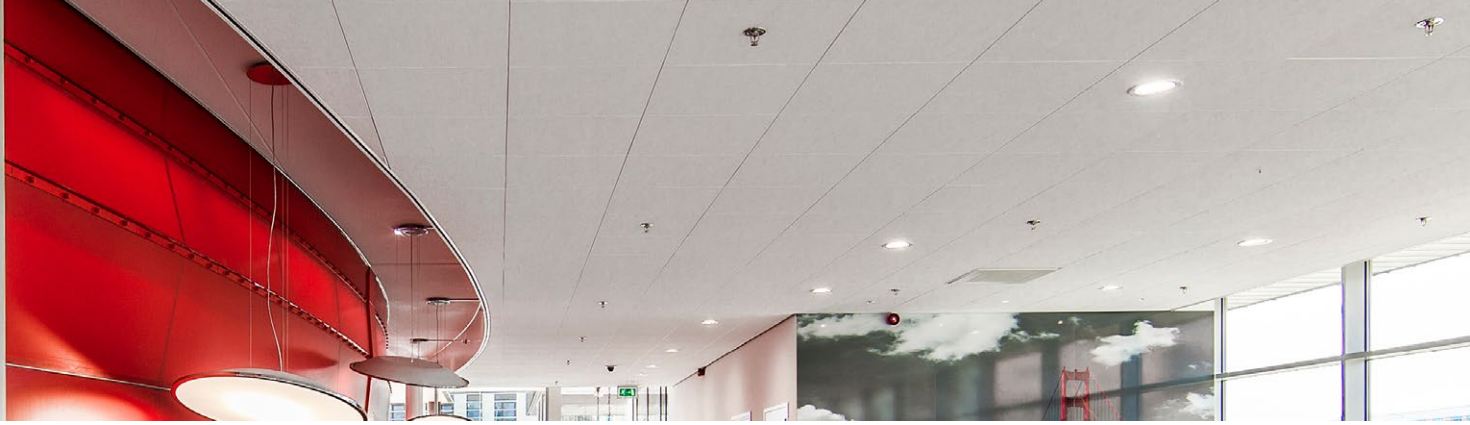
- Office
- Healthcare
- Education
- Leisure
- Retail

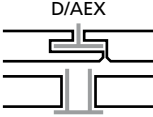
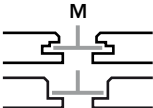
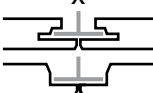
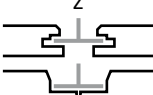
Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/ m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/ m²)*
 A15	600 x 600 x 20	2,3	50 / 100	Rockfon® System T15 A	38%		2,29	2,88
	1200 x 600 x 20		50 / 100	Rockfon® System T15 A				
 A24	600 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A	38%		2,29	2,88
	1200 x 600 x 20		50 / 100	Rockfon® System XL T24 A				
	1800 x 600 x 20		50 / 100	Rockfon® System T24 A				
			50 / 100	Rockfon® System T24 A				
			50 / 100	Rockfon® System XL T24 A				
	2400 x 600 x 25	2,7	50 / 150	Rockfon® System T24 A			2,47	3,12
			1200 x 1200 x 25	50 / 150				
 As	600 x 600 x 20	2,3	24/ Not demountable	Rockfon® System A Adhesive	38%		2,29	2,88
	1200 x 600 x 20		24/ Not demountable	Rockfon® System A Adhesive				
	600 x 600 x 40	4,1	44/ Not demountable	Rockfon® System A Adhesive			4,06	5,22
	1200 x 600 x 40		44/ Not demountable	Rockfon® System A Adhesive				
 B	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System B Adhesive	38%		2,57	3,63
	1200 x 600 x 20		24 / not demountable	Rockfon® System B Adhesive				
 C	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System C direct	38%		2,57	3,63
	1200 x 600 x 20		24 / not demountable	Rockfon® System C direct				
 D	600 x 600 x 20	3,4	62 / 72	Rockfon® System XL T24 D	38%		2,57	3,63
	1200 x 600 x 20		120 / 120	Rockfon® System T24 Stepped Z D				
			120 / 120	Rockfon® System T24 Stepped Z D				
	1500 x 600 x 20		120 / 120	Rockfon® System T24 Stepped Z D				
	1800 x 600 x 20		120 / 120	Rockfon® System T24 Stepped Z D				
	2100 x 600 x 25	4,1	120 / 120	Rockfon® System T24 Stepped Z D			2,99	4,3
	2400 x 600 x 25		120 / 120	Rockfon® System T24 Stepped Z D				
	900 x 900 x 25		120 / 120	Rockfon® System T24 Stepped Z D				
	1200 x 1200 x 25		120 / 120	Rockfon® System T24 Stepped Z D				

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.



Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/ m²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/ m²)*
 D/AEX	1200 x 300 x 20	3,4	100 / 150	Rockfon® System Bandraster Dzn/AEX	38%		2,57	3,63
	1500 x 300 x 20		100 / 150	Rockfon® System Bandraster Dzn/AEX				
	1800 x 300 x 20		100 / 150	Rockfon® System Bandraster Dzn/AEX				
	1200 x 600 x 20		100 / 165	Rockfon® System Bandraster Dzn/AEX				
	1500 x 600 x 20		100 / 165	Rockfon® System Bandraster Dzn/AEX				
	1800 x 600 x 20		100 / 165	Rockfon® System Bandraster Dzn/AEX				
 E15	600 x 600 x 20	2,8	60 / 100	Rockfon® System T15 E	38%		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	38%		3,15	3,94
	1200 x 600 x 20		60 / 100	Rockfon® System XL T24 E				
	1500 x 600 x 20		60 / 100	Rockfon® System T24 E				
	1800 x 600 x 20		60 / 100	Rockfon® System T24 E				
	2100 x 600 x 25		60 / 100	Rockfon® System XL T24 E				
	2400 x 600 x 25	3,4	60 / 150	Rockfon® System T24 E			3,38	4,34
	900 x 900 x 25		60 / 150	Rockfon® System T24 E				
	1200 x 1200 x 25		60 / 150	Rockfon® System T24 E				
 M	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M	38%		2,57	3,63
	1200 x 600 x 20		64 / 64	Rockfon® System T24 M				
	1800 x 600 x 20		64 / 64	Rockfon® System T24 M				
	900 x 900 x 25	4,1	64 / 64	Rockfon® System T24 M			2,99	4,3
 X	1200 x 300 x 22	3,7	66 / 66	Rockfon® System T24 X	38%		3,28	4,39
	1800 x 300 x 22		104 / 104	Rockfon® System T24 X DLC				
	600 x 600 x 22		66 / 66	Rockfon® System T24 X				
			104 / 104	Rockfon® System T24 X DLC				
	1200 x 600 x 22		66 / 66	Rockfon® System T24 X				
	1800 x 600 x 22		104 / 104	Rockfon® System T24 X DLC				
	2400 x 600 x 25		66 / 66	Rockfon® System T24 X				
			104 / 104	Rockfon® System T24 X DLC				
	900 x 900 x 25	4,1	66 / 66	Rockfon® System T24 X			2,99	4,3
		104 / 104	Rockfon® System T24 X DLC					
 Z	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z	38%		2,57	3,63
	1200 x 600 x 20		64 / 64	Rockfon® System T24 Z				
	1800 x 600 x 20		64 / 64	Rockfon® System T24 Z			2,99	4,3
	900 x 900 x 25		64 / 64	Rockfon® System T24 Z				

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

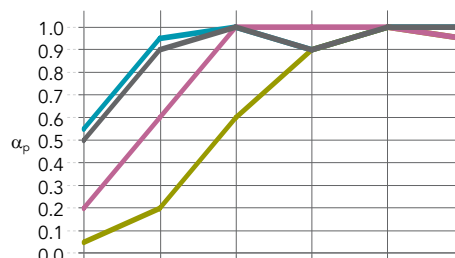
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Performance



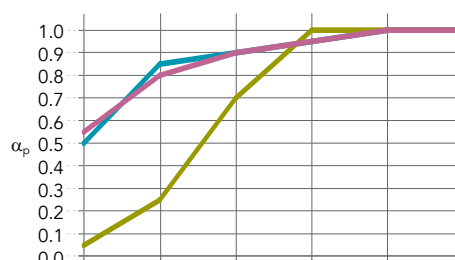
Sound absorption

α_w : up to 1,00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 20-25 / 200	0.55	0.95	1.00	0.90	1.00	1.00	1.00	A	1.00
As (+gap): 20 / 20	0.05	0.20	0.60	0.90	1.00	0.95	0.50	D	0.65
As (+gap): 40 / 40	0.20	0.60	1.00	1.00	1.00	0.95	0.90	A	0.90
E: 20-25 / 200	0.50	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
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



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 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.

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