

Rockfon Sonar®



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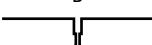

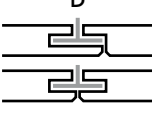

- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

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


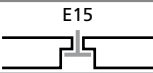
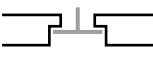
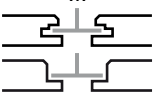
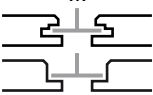

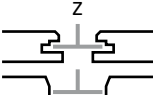
Edges	Module size (mm)	Weight (kg/m ²)	MS / MS Easy Access (mm)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*		
 A15	600 x 600 x 20	2.3	50 / 100	Rockfon® System T15 A	38%	Silver	2.29	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%	Silver	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 Bandraaster A			38%	Silver	2.47	3.12
1200 x 1200 x 25	50 / 150		Rockfon® System T24 A							
 As	600 x 600 x 20	2.3	24/ Not demountable	Rockfon® System A Adhesive	38%	Silver	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			38%	Silver	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%	Silver	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%	Silver	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%	Silver	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			38%	Silver	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							
 D/AEX	1200 x 300 x 20	3.4	100 / 150	Rockfon® System Bandraaster Dzn/AEX	38%	Silver	2.57	3.63		
	1500 x 300 x 20		100 / 150	Rockfon® System Bandraaster Dzn/AEX						
	1800 x 300 x 20		100 / 150	Rockfon® System Bandraaster Dzn/AEX						
	1200 x 600 x 20		100 / 165	Rockfon® System Bandraaster Dzn/AEX						
	1500 x 600 x 20		100 / 165	Rockfon® System Bandraaster Dzn/AEX						
	1800 x 600 x 20		100 / 165	Rockfon® System Bandraaster Dzn/AEX						

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.



Edges	Module size (mm)	Weight (kg/m ²)	MS / MS Easy Access (mm)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*	
 E15	600 x 600 x 20	2.8	60 / 100	Rockfon® System T15 E	38%	Silver	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%	Silver	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						
	 M	2100 x 600 x 25	3.4	60 / 150					Rockfon® System T24 E
		2400 x 600 x 25		60 / 150					Rockfon® System T24 E
900 x 900 x 25		60 / 150		Rockfon® System T24 E					
 M	1200 x 1200 x 25	3.4	60 / 150	Rockfon® System T24 E	38%	Silver	2.57	3.63	
	600 x 600 x 20		64 / 64	Rockfon® System T24 M					
	1200 x 600 x 20	64 / 64	Rockfon® System T24 M						
	1800 x 600 x 20	64 / 64	Rockfon® System T24 M						
 X	900 x 900 x 25	4.1	64 / 64	Rockfon® System T24 M	38%	Silver	2.99	4.3	
	1200 x 300 x 22	3.7	66 / 66	Rockfon® System T24 X					
			104 / 104	Rockfon® System T24 X DLC					
	1800 x 300 x 22	3.7	66 / 66	Rockfon® System T24 X					
			104 / 104	Rockfon® System T24 X DLC					
	600 x 600 x 22	3.7	66 / 66	Rockfon® System T24 X					
			104 / 104	Rockfon® System T24 X DLC					
	1200 x 600 x 22	3.7	66 / 66	Rockfon® System T24 X					
			104 / 104	Rockfon® System T24 X DLC					
	1800 x 600 x 22	3.7	66 / 66	Rockfon® System T24 X					
104 / 104			Rockfon® System T24 X DLC						
2400 x 600 x 25	3.7	66 / 66	Rockfon® System T24 X						
		104 / 104	Rockfon® System T24 X DLC						
 Z	900 x 900 x 25	4.1	66 / 66	Rockfon® System T24 X	38%	Silver	2.99	4.3	
	600 x 600 x 20	3.4	104 / 104	Rockfon® System T24 X DLC					
64 / 64			Rockfon® System T24 Z						
1200 x 600 x 20	64 / 64		Rockfon® System T24 Z						
1800 x 600 x 20	64 / 64		Rockfon® System T24 Z						
900 x 900 x 25	64 / 64	Rockfon® System T24 Z							

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

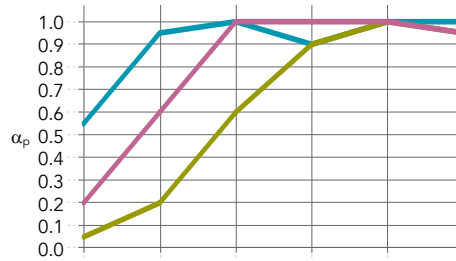
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Performance

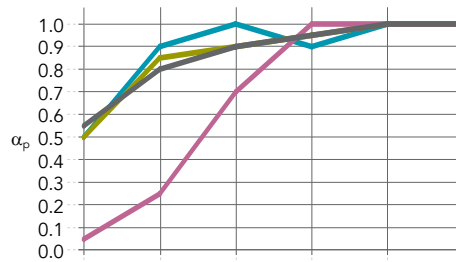


Sound absorption
 α_w : up to 1,00 (Class A)



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



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



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 or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Sounds Beautiful

