

# Rockfon Sonar®



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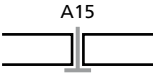
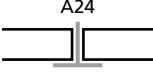
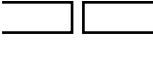
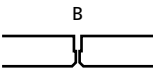
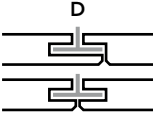
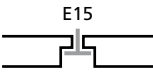
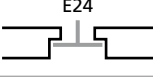
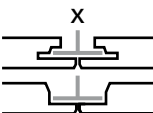
- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

## 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 <sup>2</sup> )	Recommended installation System	Recycled Content	 Full Scope - V 4.0	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	2.3	Rockfon® System T15 A	38%	Silver	2.29	2.88
	1200 x 600 x 20		Rockfon® System T15 A				
 A24	600 x 600 x 20	2.3	Rockfon® System T24 A	38%	Silver	2.29	2.88
	1200 x 600 x 20		Rockfon® System T24 A				
	1800 x 600 x 20		Rockfon® System T24 A				
	2400 x 600 x 25	2.7	Rockfon® System T24 A	2.47	3.12		
 As	600 x 600 x 20	2.3	Rockfon® System A Adhesive	38%	Silver	2.29	2.88
	1200 x 600 x 20		Rockfon® System A Adhesive				
	600 x 600 x 40	4.1	Rockfon® System A Adhesive			4.06	5.22
	1200 x 600 x 40		Rockfon® System A Adhesive				
 B	600 x 600 x 20	3.4	Rockfon® System B Adhesive	38%	Silver	2.57	3.63
	1200 x 600 x 20		Rockfon® System B Adhesive				
 D	600 x 600 x 20	3.4	Rockfon® System T24 A	38%	Silver	2.57	3.63
	1200 x 600 x 20		Rockfon® System T24 A				
 E15	600 x 600 x 20	2.8	Rockfon® System T15 E	38%	Silver	3.15	3.94
	1200 x 600 x 20		Rockfon® System Ultraline E				
			Rockfon® System T15 E				
			Rockfon® System Ultraline E				
	1800 x 600 x 20		Rockfon® System T15 E				
Rockfon® System Ultraline E							
 E24	600 x 600 x 20	2.8	Rockfon® System T24 E	38%	Silver	3.15	3.94
	1200 x 600 x 20		Rockfon® System T24 E				
 X	600 x 600 x 22	3.7	Rockfon® System T24 X	38%	Silver	3.28	4.39
	1200 x 600 x 22		Rockfon® System T24 X				
	1800 x 600 x 22		Rockfon® System T24 X				

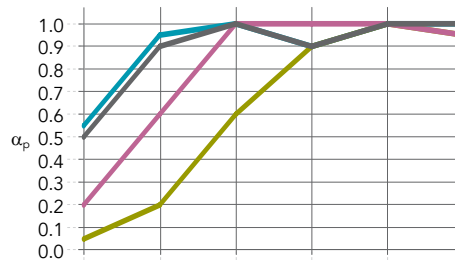
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/apac-epd](http://rockfon.link/apac-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



# Performance

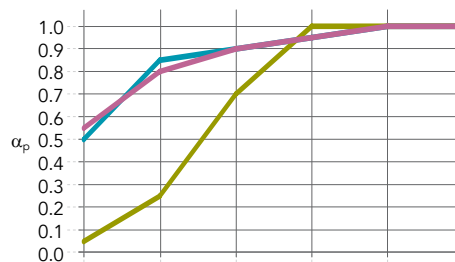


**Sound absorption**  
 $\alpha_w$ : up to 1,00 (Class A)



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: 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	$\alpha_w$	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**  
 Representative products from Rockfon's portfolio have been tested to ASTM C367.  
 No visible deflection in high humidity.  
 Up to 100% RH.  
 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

