

Rockfon® Boxer



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- Highly impact-resistant micro-textured white, ideal for high activity areas such as schools and sports facilities
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: micro-textured white reinforced fleece
- Rear side: back fleece

Application Areas

- Education
- Leisure

Edges	Module size (mm)	Weight (kg/m ²)	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)*
	600 x 600 x 20	2.4	Rockfon® System T24 A	45%	Silver	2.23	2.82
	1200 x 600 x 20		Rockfon® System T24 A				
	1800 x 600 x 20		Rockfon® System T24 A				
	600 x 600 x 40	4.1	Rockfon® System T24 A			3.17	4.13
	1200 x 600 x 40		Rockfon® System T24 A				

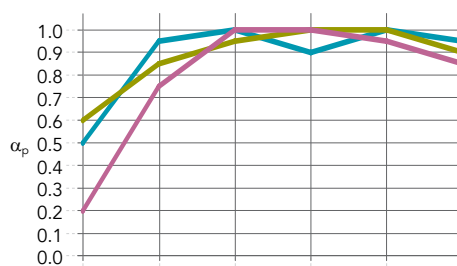
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/apac-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20 / 200	0.50	0.95	1.00	0.90	1.00	0.95	1.00	A	0.95
40 / 225	0.60	0.85	0.95	1.00	1.00	0.90	1.00	A	0.95
40 / 40	0.20	0.75	1.00	1.00	0.95	0.85	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



Hygiene
 Stone wool provides no sustenance to microorganisms



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$
 Thermal resistance:
 40 mm: $R = 1,05 \text{ m}^2\text{K/W}$



Impact Resistance
 20 mm : Class 3A (Rockfon® System T24 A)
 40 mm : Class 2A (Rockfon® System T24 A)
 Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact.



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

