

DATASHEET

Rockfon® Boxer™



Sounds Beautiful

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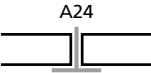




- Highly impact-resistant micro-textured white, ideal for high activity areas such as schools and sports facilities
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: Woven
- Rear side: back fleece

Application Areas

- Education
- Industry
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system	Recycled content	Cradle to Cradle Certified®	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	50 / 100	Rockfon® System T24 A™	31%		2,23	2,82
			50 / 100	Rockfon® System XL T24 A™				
	150 / Not demountable		Rockfon® System T24 A Impact 2A/3A™					
	50 / 100		Rockfon® System T24 A™					
	50 / 100		Rockfon® System XL T24 A™					
	150 / Not demountable		Rockfon® System T24 A Impact 2A/3A™					
	50 / 100		Rockfon® System XL T24 A™					
	50 / 100		Rockfon® System T24 A™					
	50 / 100		Rockfon® System T24 A™					
	50 / 100		Rockfon® System T24 A™					
	600 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™	34%		3,17	4,13
	1200 x 600 x 40		150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™				
			50 / 200	Rockfon® System T24 A™				
	2400 x 600 x 40		150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™				
			50 / 200	Rockfon® System T24 A™				
1166 x 1166 x 40	4,1	180 / 180	Rockfon® System Olympia Plus A Impact 1A™	34%		3,17	4,13	

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

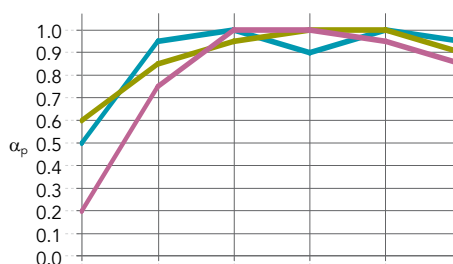
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/cee-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



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
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Thermal insulation
 40-50 mm:
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Impact resistance
 20 mm : Class 3A (Rockfon System T24 A Impact 2A/3A)
 40 mm : Class 1A (Rockfon System Olympia^{plus} A Impact 1A)
 40 mm : Class 2A (Rockfon System T24 A Impact 2A/3A)
 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 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.

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