

DATASHEET

Rockfon® Boxer™



Sounds Beautiful

Rockfon® Boxer™

- Highly impact-resistant, ideal for schools and sports facilities
- Excellent sound absorption for noisy and reverberant areas
- Meets the requirements of maximum impact resistance (Class 1A) when installed in Rockfon System Olympia^{Plus} A Impact 1A

Product Description

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

Application Areas

- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation System
A24 	600 x 600 x 20	2.4	50 / 100	Rockfon® System T24 A Impact 2A/3A™
	1200 x 600 x 20	2.4	50 / 100	Rockfon® System T24 A Impact 2A/3A™
	1800 x 600 x 20	2.4	50 / 100	Rockfon® System T24 A™
	2100 x 600 x 20	2.4	50 / 100	Rockfon® System T24 A™
	2400 x 600 x 20	2.4	50 / 100	Rockfon® System T24 A™
	600 x 600 x 40	4.1	50 / 200	Rockfon® System T24 A Impact 2A/3A™
	1200 x 600 x 40	4.1	50 / 200	Rockfon® System T24 A Impact 2A/3A™
	1800 x 600 x 40	4.1	50 / 200	Rockfon® System T24 A™
	2400 x 600 x 40	4.1	50 / 200	Rockfon® System T24 A™
AEX 	1166 x 1166 x 40	4.1	180 / 180	Rockfon® System Olympia Plus A Impact 1A™

MS = Minimum Suspension

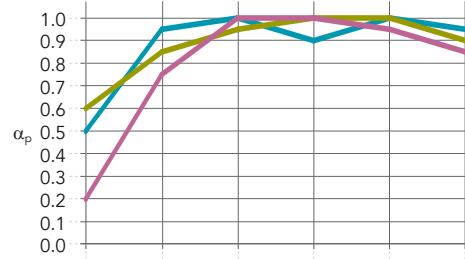


Performance



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

	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

Absorption class

NRC



Reaction to fire

A1



Fire protection

The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes.



Light reflection

85%



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity C/ON



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool

The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.

Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 2.43 - 4.02 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 3.19 - 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation

Thermal conductivity:

$\lambda_D = 37 \text{ mW/mK}$ (40mm)



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.



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