Rockfon® Samson™ wall panel

Sounds Beautiful

Rockfon® Samson™ wall panel

- Highly impact-resistant white or grey woven surface, ideal for high activity areas such as schools and sports facilities
- Good sound absorption for noisy and reverberant areas
- For use in areas where there is a high risk of occasional impact

Product Description
- Stone wool panel
- Visible side: durable woven surface
- Rear side: back fleece
- Painted edges

Application Areas
- Education
- Leisure

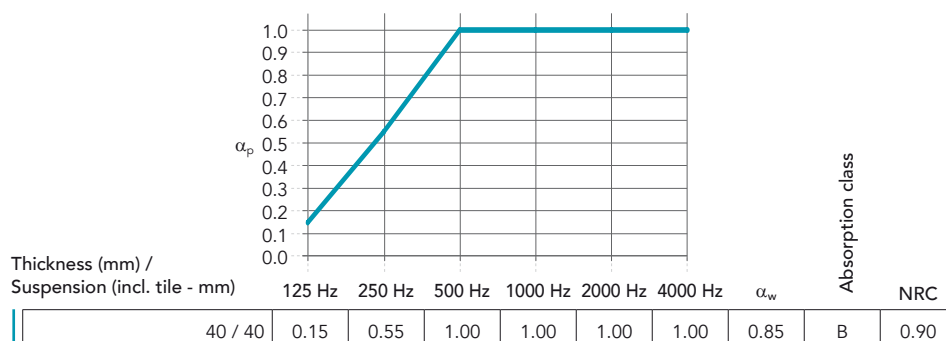| Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation System
A24	600 x 600 x 40	4.1	Rockfon® System VertiQ® T24 A Wall
	1200 x 600 x 40	4.1	Rockfon® System VertiQ® T24 A Wall
	1800 x 600 x 40	4.1	Rockfon® System VertiQ® T24 A Wall
	2400 x 600 x 40	4.1	Rockfon® System VertiQ® T24 A Wall
	1200 x 1200 x 40	4.1	Rockfon® System VertiQ® T24 A Wall

MS = Minimum Suspension

Performance

Sound absorption
α_w: 0.85 (Class B)

Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 40	0.15	0.55	1.00	1.00	1.00	1.00	0.85	B	0.90

Reaction to fire
A1

Light reflection
72%

Humidity and sag resistance
Up to 100% RH

Cleaning
- Vacuum

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 4.02 kg of CO_2 eq. (based on third party verified EPD)
Cradle-to-Grave 5.38 kg of CO_2 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

Impact resistance
Directly mounted, Rockfon Samson Wall is not recommended for use in areas which are subjected to continuous high levels of impact.
The woven surface of Rockfon Samson provides enhanced resistance to perforation, tested in accordance with NF P 08-301.

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