

DATASHEET

# 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/m <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation System	Recycled content	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> )*
 A24	600 x 600 x 40	4.1	n/a	Rockfon® System VertiQ® T24 A Wall	41%	3.47	4.68
	1200 x 600 x 40		n/a	Rockfon® System VertiQ® T24 A Wall			
	1800 x 600 x 40		n/a	Rockfon® System VertiQ® T24 A Wall			
	2400 x 600 x 40		n/a	Rockfon® System VertiQ® T24 A Wall			
	1200 x 1200 x 40		n/a	Rockfon® System VertiQ® T24 A Wall			

MS = Minimum Suspension

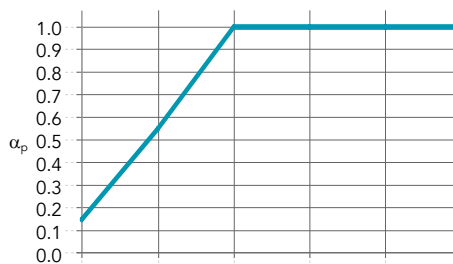
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.85 (Class B)



Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	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



**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.



**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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