

DATASHEET

Rockfon Sonar® Activity



Sounds Beautiful

Rockfon Sonar® Activity

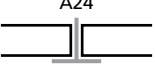
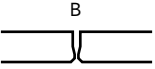
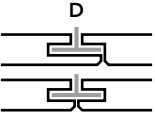
- Designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high
- Comes with an aesthetic white, micro-textured surface and high sound absorption when installed both suspended and direct
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- 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 40	3,3	50 / 200	Rockfon® System T24 A™	38%		3,35	4,26
	1200 x 600 x 40		50 / 200	Rockfon® System T24 A™				
	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™	38%		4,5	6,58
	1200 x 600 x 40		44 / not demountable	Rockfon® System B Adhesive™				
	1200 x 1200 x 40		44 / not demountable	Rockfon® System B Adhesive™				
	1200 x 300 x 40	6,4	44 / not demountable	Rockfon® System C direct™	38%		4,5	6,58
	600 x 600 x 40		44 / not demountable	Rockfon® System C direct™				
	1200 x 600 x 40		44 / not demountable	Rockfon® System C direct™				
	2400 x 600 x 40		44 / not demountable	Rockfon® System C direct™				
	600 x 600 x 40	6,4	62 / 92	Rockfon® System XL T24 D™	38%		4,5	6,58
	600 x 600 x 40	5,2	60 / 200	Rockfon® System T24 E™	38%		4,34	5,93
	1200 x 600 x 40		60 / 200	Rockfon® System T24 E™				
	1500 x 600 x 40		60 / 200	Rockfon® System T24 E™				
	1800 x 600 x 40		60 / 200	Rockfon® System T24 E™				
	2100 x 600 x 40		60 / 200	Rockfon® System T24 E™				
	2400 x 600 x 40		60 / 200	Rockfon® System T24 E™				

MS = Minimum Suspension

MS easy access = Minimum suspension - tiles demountable

Installation of Rockfon Sonar Activity in Rockfon System XL T24 D require an extra hanger on all 1800 cross tees. The extra hanger has to be placed app. 550 mm from a main runner.

* 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.

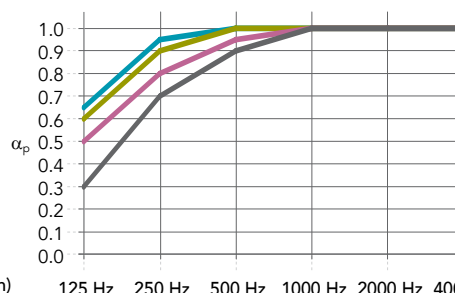


Performance



Sound absorption

α_w : up to 1,00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 40 / 200	0.65	0.95	1.00	1.00	1.00	1.00	1.00	A	1.00
E: 40 / 200	0.60	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
Other edges: 40 / 200	0.50	0.80	0.95	1.00	1.00	1.00	1.00	A	0.95
Other edges: 40 / 40	0.30	0.70	0.90	1.00	1.00	1.00	0.95	A	0.90



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
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms



Clean Room

ISO Class 5



Thermal insulation

Thermal conductivity:

$\lambda_D = 40 \text{ mW/mK}$

Thermal resistance:

$R = 1,00 \text{ m}^2\text{K/W}$



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 and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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