

Rockfon Sonar



Rockfon Sonar is the most versatile high-performance solution in the Rockfon range. Excellent light reflection, painted edges and outstanding acoustics up to NRC1.00 makes Rockfon Sonar a true performer in demanding environments. Whether traditional exposed grid or concealed grid format for a monolithic appearance, Rockfon Sonar is a go-to solution for most projects. Rockfon Sonar with B-Edge is also suitable for adhesive fixing as individual pads, or full ceiling coverage to an existing substrate for improved room acoustics.

Physical Description

- Stone wool tile
- Visible side: Micro-textured white painted fleece
- Rear side: Back fleece
- Painted edges

Application Areas

- Office
- Leisure and Aquatic Centres
- Education
- Showrooms requiring monolithic ceilings
- Healthcare
- Direct-fix for acoustic improvement to existing substrates

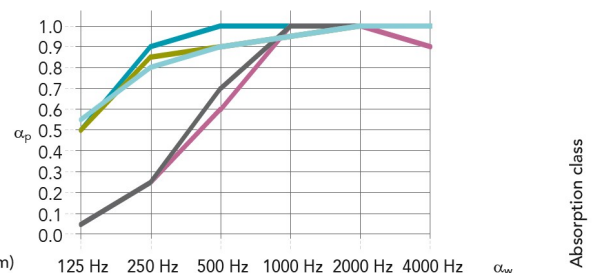
Acoustic Properties



NRC: Up to 1.00 to ISO354



Dn,f,w: 27dB to ISO 10848



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,E: 20-25 / 200	0.50	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
Other edges: 20 / 200	0.50	0.85	0.90	0.95	1.00	1.00	0.95	A	0.95
A,E: 20 / 20	0.05	0.25	0.60	1.00	1.00	0.90	0.55	D	0.70
Other edges: 20 / 20	0.05	0.25	0.70	1.00	1.00	1.00	0.55	D	0.75
X: 22 / 200	0.55	0.80	0.90	0.95	1.00	1.00	0.95	A	0.95

What is Rockfon?

All Rockfon products comprise a non-combustible stone wool core that is non-hygroscopic and provides no sustenance for mould and microbes. The use of a backing fleece improves product performance and resilience, ensuring panels remain free from fractures and site-damage where panels are subject to frequent demounting. Products will maintain dimensional stability in environments with fluctuating humidity up to RH100. All Rockfon Materials are warranted against manufacturing defects for 15-Years and have a declared service life of not less than 50-Years

Material Properties

Rockfon Sonar



Stone wool is non-hygroscopic and provides no sustenance for microbes



Up to RH100 - No visible deflection to EN 13964
No on-site acclimatisation required



Vacuum and damp cloth clean.
Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Light Reflectance 85% to ISO 7724-2



Clean Room Class 5 to ISO 14644-1



44% Recycled Content to ISO-14021. Recyclable at end-of-life



Non-combustible to AS1530.1
Group 1 to AS5637.1:2015



LEED v4.0 Certification. Low emission



Thermal R-Value: 0.50m²K/W
Based on 20mm Materials



Up to 15-years warranty against manufacturing faults
Refer to warranty and installation guidelines

Example Specification Wording

CT-01 Acoustic Ceiling Tile

Material: Rockfon Sonar

Format: 1200 x 600mm Square Lay-In A24 edge

Finish: Micro-textured white non-perforated fleece to front, buff rear fleece

Sound Absorption: Up to 1.00NRC to ISO 354

Sound Attenuation: Dn,c,w 27dB to ISO 10848

Light Reflectance: 85% to ISO 7724-2

Moisture: RH100 sag-resistant non-hygroscopic antimicrobial stone wool core

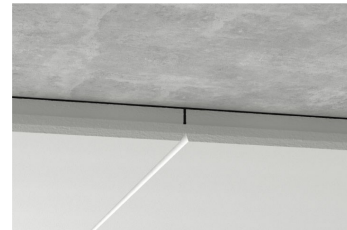
Fire: Non-Combustible to AS1530.1 & Group 1 to AS5637.1:2015

Warranty: Up to 15-Years against manufacturing defects and visible sag

Lead Time: Typically Stocked Item—Allow 14-weeks for project quantities

Sustainability: LEED v4.0 Certification

Example Images



Format Options

Edge Detail*	Tile Format (mm)*	Approximate Weight (kg/m ²)	T-Grid Description
 A24	600 x 600 x 20	3.4	Square Lay-In 24mm T-grid
	1200 x 600 x 20		
 E24	600 x 600 x 20	3.4	Recessed Lay-In 24mm T-grid
	1200 x 600 x 20		
 B	600 x 600 x 20	3.4	Bevelled edge for direct glue fix
	1200 x 600 x 20		
 D	600 x 600 x 20	3.4	Shiplap on 24mm T-grid
	1200 x 600 x 20		
 X	600 x 600 x 22	3.7	Fully-concealed on 24mm T-grid
	1200 x 600 x 22		

Supplied by



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