

Rockfon Koral



Rockfon Koral represents a high-quality Class A sound absorption ceiling solution with excellent light reflection properties. The attractive micro-textured fleece surface meets the aesthetic demands of modern commercial and education buildings. The surface is highly cleanable with a damp cloth, and panels are resilient to frequent demounting. High resilience to humidity make Rockfon Koral panels well-suited to gymnasiums and fitness centres, locker rooms and bathrooms. Rockfon Koral is available in traditional lay-in format or large format tiles, giving the designer of the ceiling the freedom to explore options outside of traditional grid dimensions.

Physical Description

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

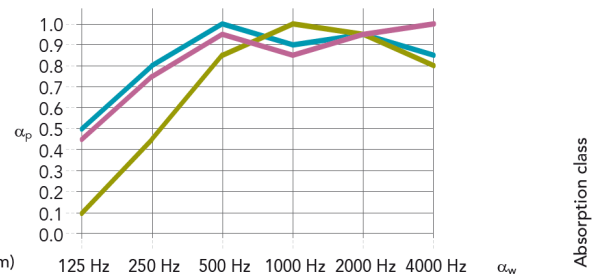
Application Areas

- Office
- Education
- Showrooms
- Retail
- Bathroom / Locker Room

Acoustic Properties



NRC: Up to 0.90 to ISO354



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: 15 / 200	0.50	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
A: 15 / 50	0.10	0.45	0.85	1.00	0.95	0.80	0.75	C	0.80
E: 15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90

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 Koral



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



Light reflectance 86% to ISO 7724-2



Recycled content between 29% and 64% according to ISO 14021. 100% recyclable at end-of-life



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



LEED v4.0 Certification. Low emission



Thermal R-Value: 0.37m²K/W
Based on 15mm 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 Koral 15mm

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 0.90NRC to ISO 354

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

Light Reflectance: 86% to ISO 7724-2

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

Fire: Non-combustible core 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: Recycled content between 29% and 64% according to ISO 14021

Contact: Modern Supplies - 1300 305 557 / technical@modern.supplies

Example Images



Format Options

Edge Detail*	Tile Format (mm)*	Pack Size	Approximate Weight (kg/m ²)	T-Grid Description
	600 x 600 x 15	32pcs (11.52m ²)	2.0	Square Lay-In 24mm T-grid
	1200 x 600 x 15	16pcs (11.52m ²)		
	600 x 600 x 20	24pcs (8.64m ²)	2.3	
	1200 x 600 x 20	12pcs (8.64m ²)		
	600 x 600 x 15	16pcs (5.76m ²)	2.2	Recessed Lay-In 24mm T-grid
	1200 x 600 x 15	16pcs (11.52m ²)		

*Additional edges and formats on request. Please contact Modern Supplies for information and availability

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