

DATASHEET

# Rockfon® Koral



**Sounds Beautiful**

# Rockfon® Koral

- Aesthetic white, micro-textured surface
- High sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in semi-concealed and visible grid options
- Surface can be cleaned with a damp cloth or vacuumed

## Product Description

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

## Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edges	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS / MS Easy Access (mm)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	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> )*
	600 x 600 x 15	2.0	50 / 100	Rockfon® System T15 A	39%	Silver	2.24	2.73
	600 x 600 x 15	2.0	50 / 100	Rockfon® System T24 A	39%	Silver	2.24	2.73
	600 x 600 x 15		50 / 100	Rockfon® System XL T24 A				
	1200 x 600 x 15		50 / 100	Rockfon® System T24 A				
	1800 x 600 x 20	2.3	50 / 100	Rockfon® System T24 A			2.55	3.19
	1800 x 600 x 20		50 / 100	Rockfon® System XL T24 A				
	2100 x 600 x 20		50 / 100	Rockfon® System T24 A				
	2400 x 600 x 20	2.5	50 / 100	Rockfon® System T24 A			2.16	2.77
	1200 x 900 x 25		50 / 150	Rockfon® System T24 A				
	1200 x 1200 x 25		50 / 150	Rockfon® System T24 A				
	600 x 600 x 40	3.3	50 / 200	Rockfon® System T24 A			3.20	4.28
1200 x 600 x 40	50 / 200		Rockfon® System T24 A					
	600 x 600 x 15	2.2	60 / 100	Rockfon® System T15 E	39%	Silver	2.19	2.82
	1200 x 600 x 15		60 / 100	Rockfon® System T15 E				
	600 x 600 x 15	2.2	60 / 100	Rockfon® System T24 E	39%	Silver	2.19	2.82
	600 x 600 x 15		60 / 100	Rockfon® System XL T24 E				
	1200 x 600 x 15		60 / 100	Rockfon® System T24 E				

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

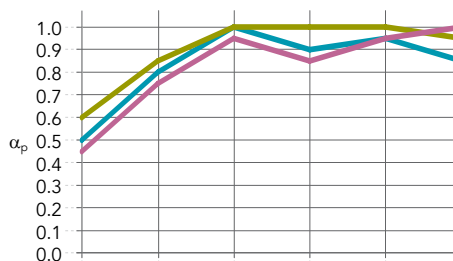
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/cee-epd](https://rockfon.link/cee-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 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	$\alpha_w$	Absorption class	NRC
A: 15 / 200	0.50	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
A: 40 / 200	0.60	0.85	1.00	1.00	1.00	0.95	1.00	A	0.95
E: 15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90



**Reaction to fire**  
 A1



**Light reflection**  
 86%



**Humidity and sag resistance**  
 Up to 100% RH.  
 No visible deflection in high humidity  
 C/0N



**Cleaning**  
 - Vacuum  
 - Damp cloth



**Hygiene**  
 Stone wool provides no sustenance to microorganisms



**Thermal insulation**  
 40 mm:  
 Thermal conductivity:  
 $\lambda_D = 37 \text{ mW/mK}$



**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 or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

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