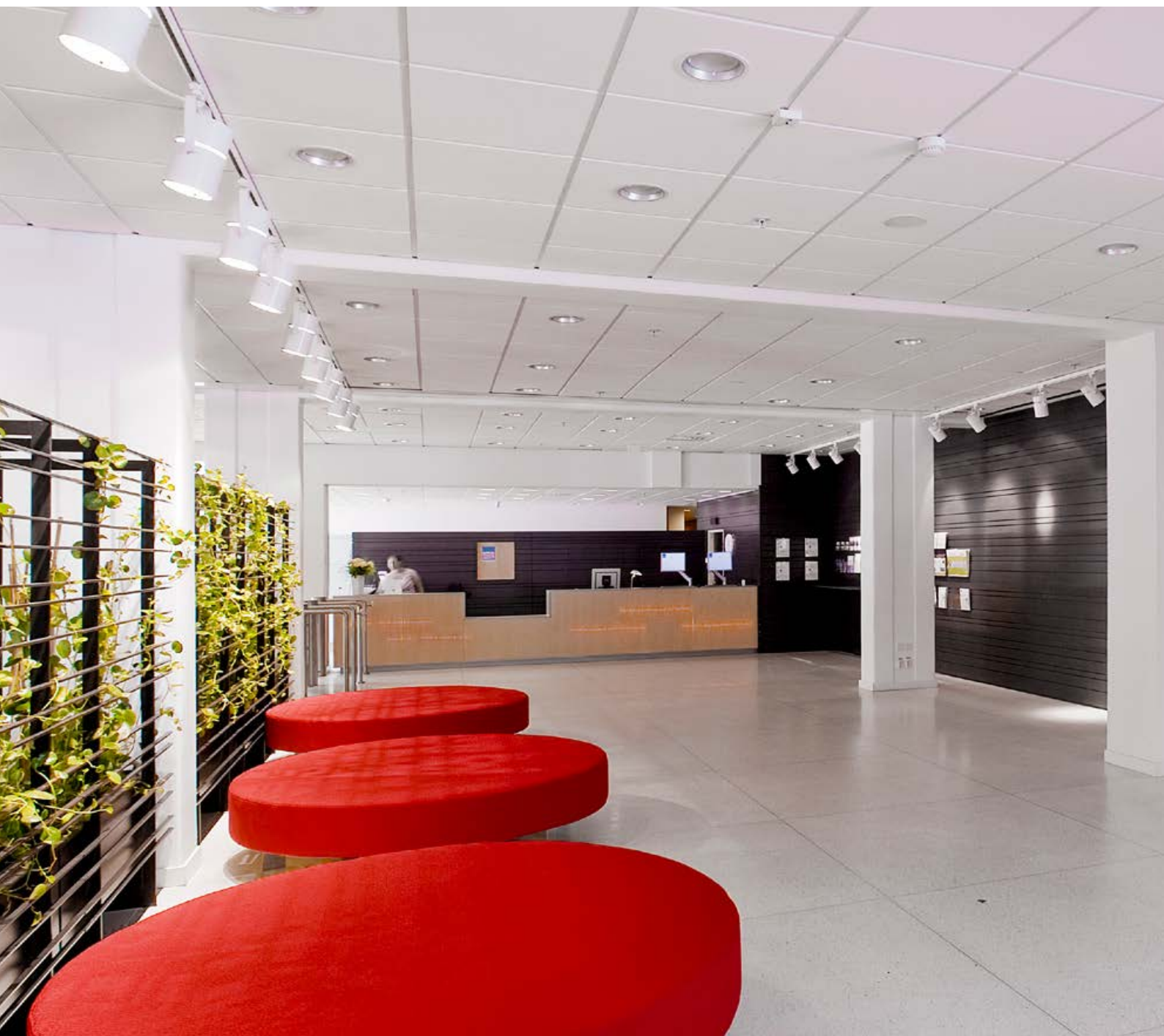DATASHEET
Rockfon® Koral™

Sounds Beautiful

Rockfon® Koral™

- Attractive white, micro-textured surface for various applications
- Highest Class A sound absorption and highest fire safety (Class A1)
- Available in semi-concealed and visible grid options
- Easy to clean with a vacuum or a damp cloth

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

Application Areas
- Office
- Industry
- Education
- Leisure
- Retail

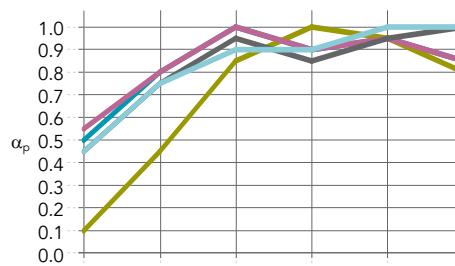| Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO₂ eq/m²)*	A1-C4 Full life cycle impact (kg CO₂ eq/m²)*
A15	600 x 600 x 15	2.0	50 / 100	Rockfon® System T15 A™	30%	cradle to cradle SILVER	2.51	3
			50 / 100	Rockfon® System T15 A, E ECR™				
	600 x 600 x 20	2.3	50 / 100	Rockfon® System T15 A™	32%		2.82	3.47
			50 / 100	Rockfon® System T15 A, E ECR™				
A24	600 x 600 x 15	2.0	50 / 100	Rockfon® System T24 A™	30%	cradle to cradle SILVER	2.51	3
			50 / 100	Rockfon® System XL T24 A™				
			50 / 100	Rockfon® System T24 A, E ECR™				
	1200 x 600 x 15		50 / 100	Rockfon® System T24 A™				
			50 / 100	Rockfon® System T24 A, E ECR™				
	600 x 600 x 20	2.3	50 / 100	Rockfon® System T24 A™	32%		2.82	3.47
			50 / 100	Rockfon® System XL T24 A™				
			50 / 100	Rockfon® System T24 A, E ECR™				
	1200 x 600 x 20		50 / 100	Rockfon® System T24 A™				
			50 / 100	Rockfon® System T24 A, E ECR™				
E15	600 x 600 x 15	2.2	50 / 100	Rockfon® System T15 E™	33%	cradle to cradle SILVER	2.46	3.09
			50 / 100	Rockfon® System T15 A, E ECR™				
	1200 x 600 x 15		50 / 100	Rockfon® System T15 E™				
			50 / 100	Rockfon® System T15 A, E ECR™				
	600 x 600 x 20		60 / 100	Rockfon® System T15 E™	34%		2.82	3.47
E24	600 x 600 x 15	2.2	58 / 100	Rockfon® System T24 E™	33%	cradle to cradle SILVER	2.46	3.09
			58 / 100	Rockfon® System XL T24 E™				
			58 / 100	Rockfon® System T24 A, E ECR™				
	1200 x 600 x 15		58 / 100	Rockfon® System T24 E™				
			58 / 100	Rockfon® System T24 A, E ECR™				
	600 x 600 x 20		60 / 100	Rockfon® System T24 E™	34%		2.82	3.47

MS = Minimum Suspension

** For full environmental impact disclosure, see our product EPDs available on **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
α_w: up to 0.95 (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: 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
A: 20 / 200	0.55	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
E: 15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90
E: 20 / 200	0.45	0.75	0.90	0.90	1.00	1.00	0.95	A	0.90

Reaction to fire
A1

Fire protection
The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes. Some sizes and edge details of Rockfon Koral can be used with various Chicago Metallic grids and Rockfon systems to create a 30 and/or 60 minutes fire protecting ceiling in accordance with BS 476 Part 21 and Part 23. They can also be used to create a 30 minutes fire protecting membrane ceiling (integrity only) in accordance with BS 476 Part 22.

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

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:

THE INDOOR CLIMATE LABEL

M1 · EMISSION CLASS FOR BUILDING MATERIAL · RTS ·

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.

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

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