

DATASHEET

# Rockfon® Industrial™ Opal



**Sounds Beautiful**

# Rockfon® Industrial™ Opal



- Soft structured off-white surface that can be used either as a ceiling or place behind other surfaces
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

## Product Description

- Stone wool tile
- Visible side: pre-finished surface
- Rear side: back fleece

## Application Areas

- Industry
- Retail

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation system	Recycled content	Cradle to Cradle Certified®	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> )*
 A24	1200 x 600 x 50	4,0	50 / 200	Rockfon® System T24 A™	38%		3,38	4,49
	1200 x 1200 x 50		50 / 200	Rockfon® System T24 A™				
	1200 x 600 x 80	6,1	80 / 250	Rockfon® System T24 A™	39%		4,42	6,25
	1200 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™			5,43	7,71

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

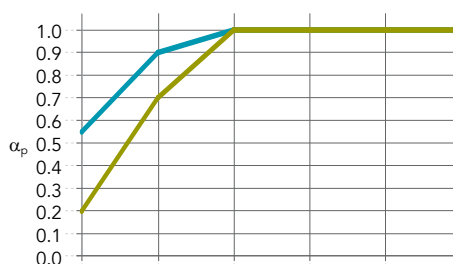
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/cee-epd](https://rockfon.link/cee-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 1,00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	Absorption class	NRC
50-100 / 200	0.55	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
50 / 50	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	1.00



**Reaction to fire**  
 A1



**Light reflection**  
 64 %



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



**Cleaning**  
 - Vacuum



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



**Thermal insulation**  
 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 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.

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