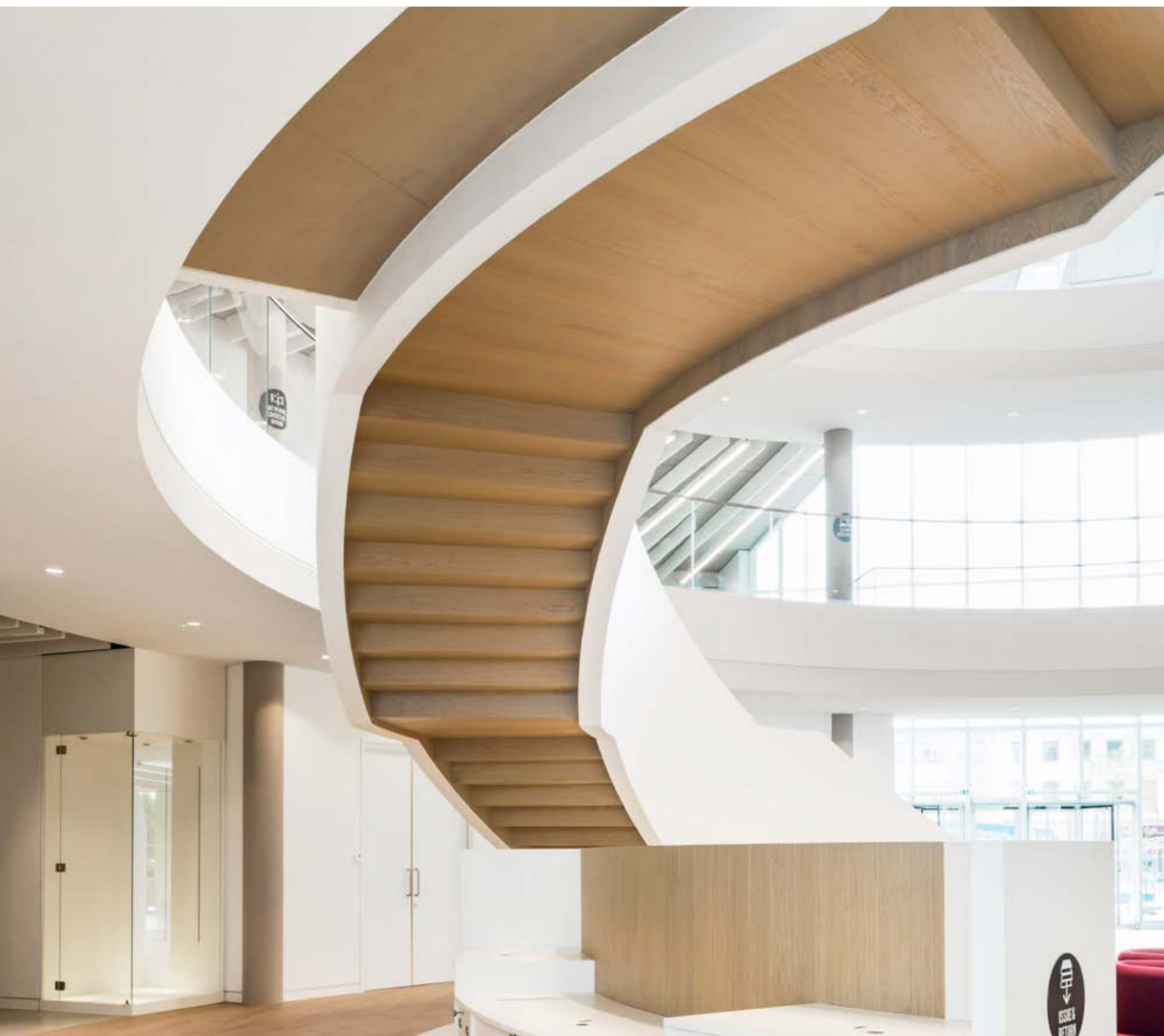


DATASHEET

# Rockfon® Mono® Acoustic



**Sounds Beautiful**

# Rockfon® Mono® Acoustic

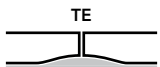


- Perfect for ceilings and walls, the innovative monolithic surface delivers outstanding acoustic comfort and fire protection
- The perfect design solution for new-build or renovation projects alike
- The refined white surface provides high light reflection and light diffusion, ensuring even light distribution and reducing the need for artificial light
- A completely seamless system that allows for easy integration of all services and the possibility to repair the surface

## Product Description

- Monolithic system comprising of a stone wool panel, filler and render
- Visible side: acoustical render
- Rear side: high performance membrane (Rockfon Mono Acoustic Direct is supplied with a mineral fleece)

## Application Areas

- Office
- Education
- Leisure
- Retail
- Residential

Edge detail	Module size (mm)	Approximate weight (kg/m <sup>2</sup> )	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> )*
	1800 x 1200 x 40	6.0	Rockfon® System Mono Acoustic™	36%		5.38	6.97
	1200 x 900 x 40		Rockfon® System Mono Acoustic™			4.46	6.04

For this product, module size = exact dimension. Panel weight is stated exclusive of filler and render.

Do not install Rockfon Mono Acoustic where a pressure difference can be created between the front and backside of a Rockfon Mono Acoustic ceiling. Only available in certain countries.

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



## Performance



### Sound absorption

$\alpha_w$ : 0.90 (Class A)

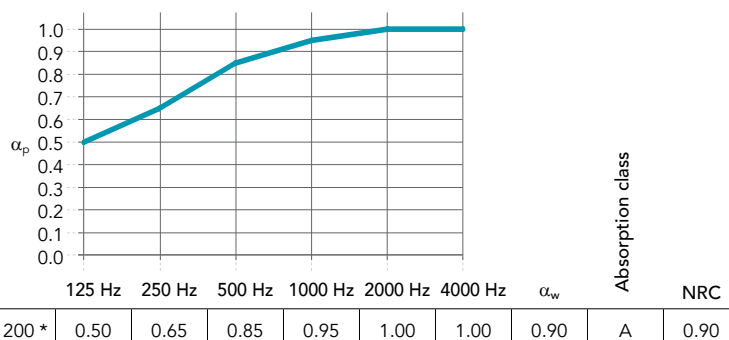


### Direct sound insulation

$R_w$  = 22 dB

\* Rockfon Mono Acoustic panels  
Sound absorption values are valid  
for flat surfaces.

When conducting an acoustic  
study, please take into account  
the services integrated into the  
ceiling as well as the project  
layout.



### Reaction to fire

A2-s1,d0



### Fire resistance

Rockfon Mono Acoustic achieves up to 60 min. in  
accordance with European test standards and national  
approvals.

Please contact Rockfon for fire resistance  
documentation.



### Light reflection and light diffusion

87% light reflection (Elegant Render)  
>99% light diffusion (Elegant Render)



### Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity.  
Rockfon Mono Acoustic can be used in swimming  
pools provided it is not exposed to condensation,  
splashing water or water droplets. The suspension  
system components must be corrosion resistant and the  
plenum well ventilated.

For more information, please contact Rockfon



### Cleaning

- Vacuum



### Hygiene

Stone wool provides no sustenance to microorganisms



### Visual appearance

L value: 94.5 (Elegant Render)

The whiteness (L value) of the product is tested in accordance  
with ISO 7724 and measured on a scale from 1 (black) to 100  
(white).



### 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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