

DATASHEET

# Rockfon® Mono Acoustic



**Sounds Beautiful**

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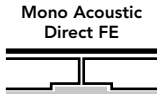



- Perfect for ceilings and walls, the innovative monolithic surface delivers outstanding acoustic comfort and fire protection
- Flat. Direct or suspended installation. The perfect design solution for new-build or renovation projects alike
- The refined white surface provides high light reflection and 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 for surface maintenance

## Product Description

- Monolithic system comprising of a stone wool panel, filler and render
- Visible side: acoustic 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)	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> )*
 <p><b>Mono Acoustic Direct FE</b></p>	1800 x 1200 x 40	6.0	Rockfon® System Mono Acoustic	44%		5.38	6.97
 <p><b>Mono Acoustic FE</b></p>	1800 x 1200 x 40	6.0	Rockfon® System Mono Acoustic	44%		5.38	6.97

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. Rockfon Mono Acoustic Direct can only be installed directly onto an airtight surface.

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



## Performance



### Sound absorption

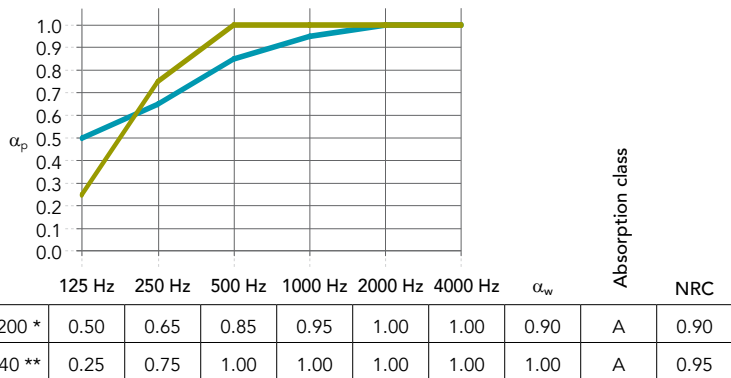
$\alpha_w$ : up to 1.00 (Class A)

\* Rockfon Mono Acoustic panels

\*\* Rockfon Mono Acoustic Direct 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



### Light reflection and light diffusion

87% light reflection (White)

>99% light diffusion (White)



### 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 room and plenum well ventilated.

For more information, please contact Rockfon Technical service.



### Cleaning

- Vacuum



### Hygiene

Stone wool provides no sustenance to microorganisms



### Visual appearance

L value: 94.5 (White)

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 list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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