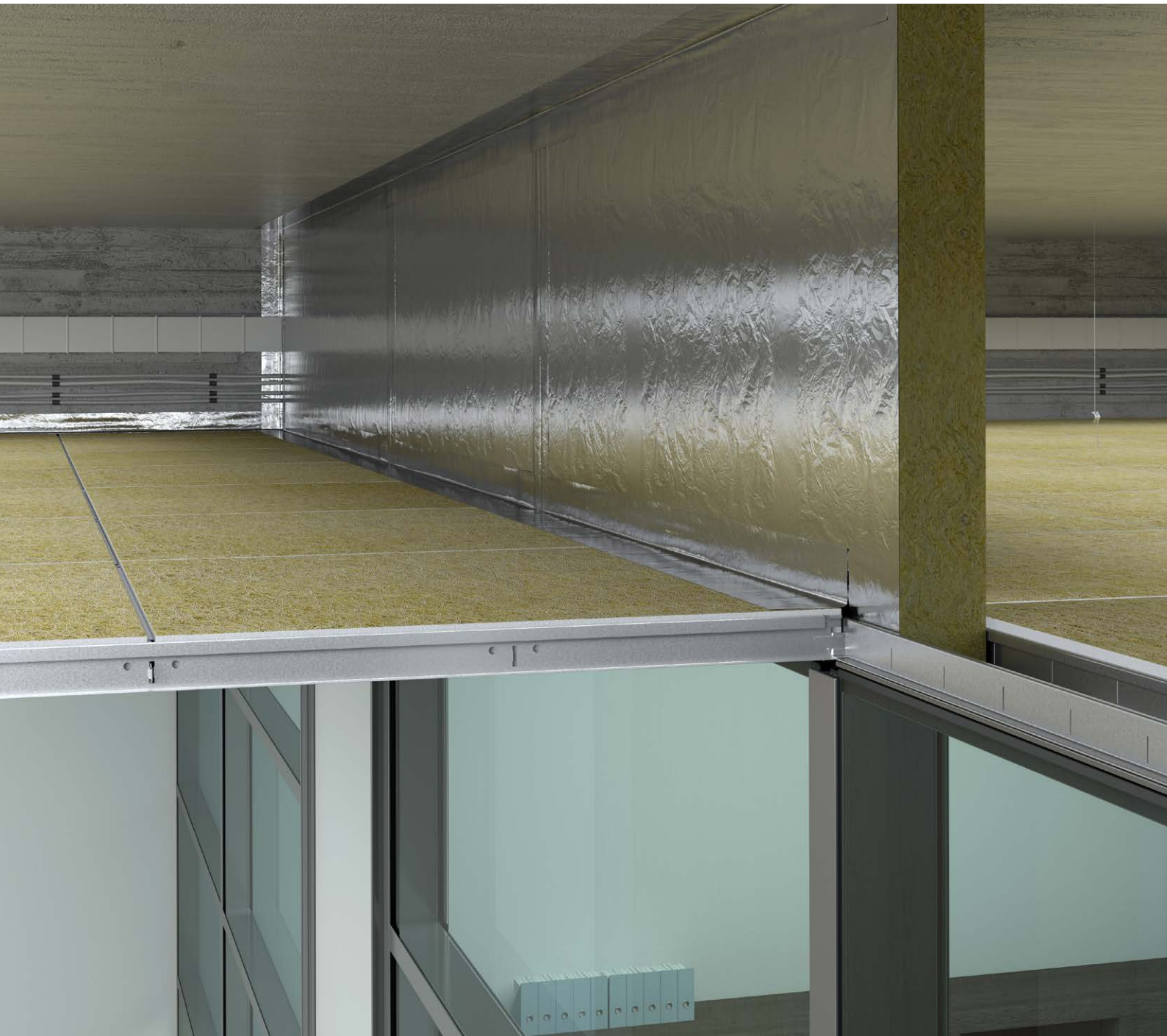


DATASHEET

Rockfon® Acoustimass



Sounds Beautiful

Rockfon® Acoustimass

- Acoustic barriers which reduce noise transfer in ceiling and floor plenums
- Easy to install above or below modular partitions

Product Description

- Stone wool tiles
- 80mm thick with aluminium foil membrane to both sides

Application Areas

- Retail
- Education
- Healthcare
- Industry
- Office
- Leisure

Module size (mm)	Weight (kg/m ²)	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
1200 x 600 x 80	6.4	3.47	5.19
1200 x 1000 x 80			

Dimensions given correspond exactly to the size of the finished products.
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Direct sound insulation

$R_w = 19$ dB



Room to room sound insulation

* Values obtained on the basis of theoretical analysis.

Product	$D_{n,f,w}$	$D_{n,f,w}$ with Rockfon Acoustimass	$D_{n,f,w}$ with Rockfon Soundstop 30 dB
Rockfon Blanka A (20mm)	26	40	
Rockfon Blanka D/Aex (20mm)	25	40	
Rockfon Blanka dB 35	35	45*	50*
Rockfon Blanka dB 41	41	52*	55*
Rockfon Blanka dB 43	43	54*	56*
Rockfon Blanka dB 46	46	55*	58*
Rockfon Ekla A (20mm)	26	40	



Reaction to fire

A2-s1,d0



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.



Humidity and sag resistance

Up to 100% RH.



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:



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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