

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
- Excellent fire safety (Class A1)

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)
1200 x 600 x 80	6.4
1200 x 1000 x 80	6.4

Dimensions given correspond exactly to the size of the finished products.



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 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*



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



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint

Cradle-to-Gate 6.48 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 8.79 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



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