

DATASHEET

Rockfon® Soundstop™



Sounds Beautiful

Rockfon® Soundstop™

- 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

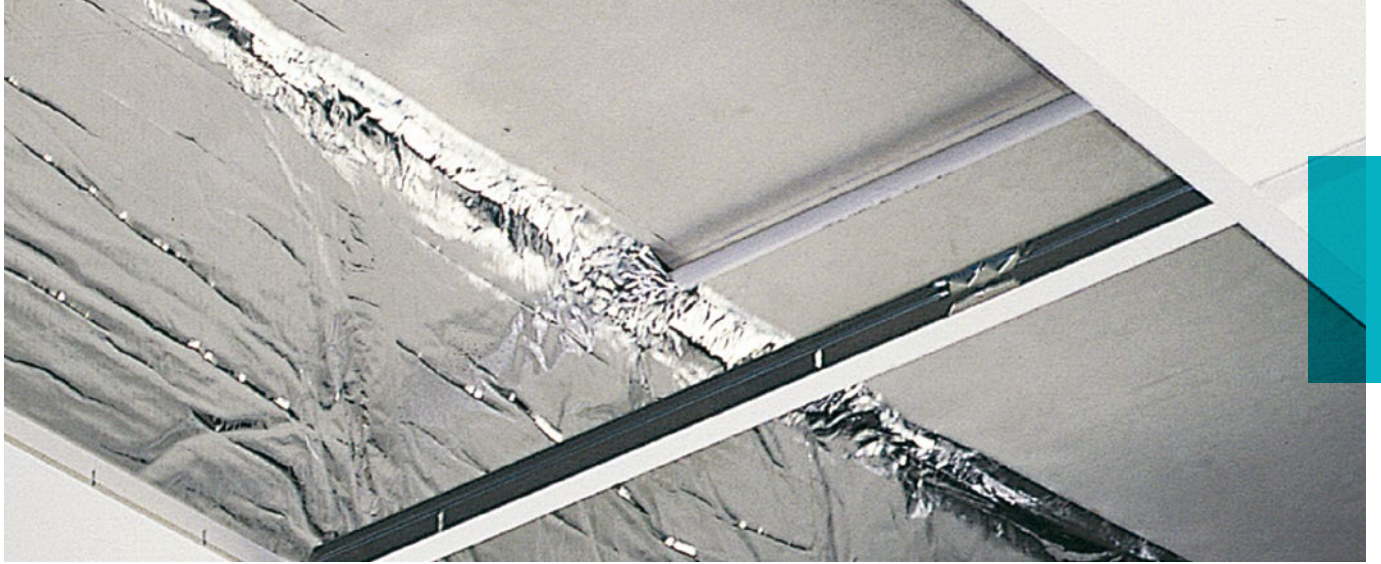
- Stone wool panel with aluminium foil membrane to one side
- 30 dB rating requires two layers of panels, each 30mm thick, placed back to back

Application Areas

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

Edge detail	Module size (mm)	Weight (kg/m ²)
Soundstop 30 dB	1200 x 600 x 60	6.9

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



Performance



Direct sound insulation

$R_w = 30$ 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

A1



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 6.66 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 9.03 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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