

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

## 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

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

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	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> )*
Soundstop 21 dB	1200 x 1000 x 65	4,7	5,83	7,14
Soundstop 30 dB	1200 x 1000 x 60	6,9	7,85	9,74

Soundstop 30 dB: The actual thickness equals 2x30 mm

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



## Performance



### Direct sound insulation

$R_w = 21$  dB  
 $R_w = 3021$  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 Soundstop 21 dB	$D_{n,f,w}$ with Rockfon Soundstop 30 dB
Rockfon Blanka A (20mm)	26		
Rockfon Blanka D/Aex (20mm)	25		
Rockfon Blanka dB 35	35	44*	50*
Rockfon Blanka dB 41	41	50*	55*
Rockfon Blanka dB 43	43	53*	56*
Rockfon Blanka dB 46	46	55*	58*
Rockfon Sonar A (20 mm)	27	41*	47*
Rockfon Sonar dB 35	35	44*	50*
Rockfon Sonar dB 41	41	51*	55*
Rockfon Sonar dB 43	43	52*	56*
Rockfon Sonar dB 46	46	55*	58*



### Reaction to fire

C-s1,d0  
(21 dB)  
A1 (30 dB)



### 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 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.

# Sounds Beautiful

