

SCHALLFILZ/-STRIPES

Data sheet



Item number

Thickness: 9mm = SO900090BR24 Thickness: 18mm= S1800180BR24

Density

Stripes: S1001000BR24
100 kg / m³

Raw material

100% wool sustainable, durable, recyclable, without synthetic additives

Application

Interior room air renovation: Suspended (acoustic-)ceiling, sound proof ceiling, Floor: Sound insulation, Wooden Construction

PRODUCT DESCRIPTION



- **Sound absorber** as support for **horizontal** and **inclined surfaces**.
- Footfall sound felt for full-area installation or as a strip for sound insulation between the underfloor and the construction
- As an edge strip for floor screed.
- Natural mottled yurt felt for the side wall and roof.

WOOL PROTECTION



- **IONIC PROTECT®** biocide-free wool protection, long-term tested by EAD/CUAP standards and patented procedure
- Is a slight alteration of the molecular protein structure of the wool fibre through a **plasma-ion treatment**. This specific process is unique as it permanently prevents the wool from being a nutritional source for wool parasites
- Through the wool protection, our products have an **unlimited shelf-life**.

INSTALLATION



- Full-area instalation of the sound felt and fixation through lateral stapling.

PROPERTIES



Sheep wool insulation



Air purification



Humidity regulation



Sound insulation
Fire protection



Sustainable



Wool protection



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FORM OF DELIVERY

DIMENSIONS SCHALLFILZ*

Width: 250 – 2400mm in 50mm increments (250, 300, 350mm,...)

Article	kg/m ³	Thickness (mm)	Width (mm)	Lengths (mm)	Item /PU	PU m ²
S0900090	100	9	1.000	10.000	1	10,00
S1800180	100	18	1.000	5.000	1	5,00

Special size* at thickness 9mm from 120 m² available, at thickness 18mm from 60m² available.

DIMENSIONS STREIFEN*

Width: 30mm to 990mm in 10mm increments

Article	kg/m ³	Thickness (mm)	Width (mm)	Lengths (mm)	Item /PU
TF010	100	9	100	10.000	10,00

Special width* from 550lfrn in stripes to 10lfrn available



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TECHNICAL DATA

Nature Plus®	0103-1006-099-1
Length-related flow resistance according to EN 29053	r=29,5 kPa s/m ²
Vapour diffusion resistance factor μ	1
Specific heat capacity c	1760 J / kgK
Fire behaviour according to EN 13501-1	C-s2, d0 CH: RF2
Assessed degree of sound absorption D, 9mm according to ISO 11654	$\alpha_w = 0,30$ (H)
Mould growth intensity according to EN ISO 846	0
Dynamic stiffness as per ÖNORMEN 29052-1	62,1 MN/ m ³



ECOLOGICAL PARAMETERS

Compliant with the NaturePlus® Life cycle assessment ISOLENA

Use of non-renewable primary energy without the non-renewable primary energy carriers used as raw material (PENRE [MJ, lower calorific value])	23,44	MJ / kg
Global warming potential Total of GHG emissions and CO2 storage (GWP 100 total)	0,83	kg CO ₂ -äquiv. / kg
Acidification potential of soil and water (AP)	4,63E-03	kg SO ₂ -äquiv. / kg
Potential for the formation of tropospheric ozone (POCP)	8,04E-04	kg C ₂ H ₄ -äquiv. / kg
Eutrophication potential (EP)	2,08E-03	kg PO ₄ ³⁻ -äquiv. / kg



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