

HEALTHY INSULATION CAN NATURALLY DO MORE.

ISOLENA

Technical data sheet

SHEEPWOOL FELT STRIPS 100kg/m³



ISOLENA Sheep wool felt strips with or without papier with biocide-free wool protection Ionic Protect® made from 100% pure sheep's wool without synthetic additives or supporting fibres. The insulating material is renewable, durable, reusable, fully recyclable and certified with the NaturePlus eco-label.

Form of delivery

Article variants according to price list, special dimensions and formats on request.

Thickness mm	Width mm	Length mm
3,5	50	25 000
3,5	75	25 000
3,5	100	25 000
9	100	10 000

Applications

Thermal insulation: Internal wall, , Window-, joint- & prefabricated construction elements insulation, Window insulation, Roof window insulation, Door insulation, Expansion joints, Cavity insulation

Sound insulation: Acoustic decoupling, Acoustic decoupling floor, Floor, Floor insulation, Acoustic underlay insulation, Sub floor insulation

Technical data: Product

Property	Value	Unit of measurement	Standard
Mould growth intensity	0		EAD 040005-00-1201 Annex B
Eco-label NaturePlus	0103-099-0101		
Dynamic stiffness	62,1	MN/m ³	EN 29052-1
Length-related flow resistance	29,5	kPa s/m ²	EN 29052-1
Resistance to insect pests	Klasse 0		EAD 040005-00-1201, Annex C
Weighted Sound Absorption Coefficient	0,30	α_w	EN ISO 11654
Vapour diffusion resistance factor μ	1	μ	EN ISO 12572
Water absorption during short-term, partial immersion WS	0,98-2,45	kg/m ²	EN 1609
Specific heat capacity c	1760	J/kg K	
Water absorption during long-term, partial immersion WL(P)	0,98-2,45	kg/m ²	EN ISO 16535
Borates toxic to reproduction: None			DIN EN 16516
Fire behavior	C-s2, d0		DIN EN 13501-1
Fire behaviour group according to VKF fire protection guidelines (Switzerland)	RF2		SN EN 13501-1



SCAN QR CODE FOR THE
SHEEPWOOL PLUS POINTS!

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Ecological indicators

All ecological indicators according to EN-15804 such as GWP total, GWP biogenic, PENRT etc. can be found in the [Environmental Product Declaration](#) (EPD).

Useful additional documents such as tender texts, links to building material databases etc. can be found in compact form in the [download area](#) of our website

Test certificates upon request.