

HEALTHY INSULATION CAN NATURALLY DO MORE.

ISOLENA

Technical data sheet

LOOSE WOOL 18kg/m³



ISOLENA Loose sheep wool 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	kg/Pack
-	-	-	5



Applications

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

CE CE-002/LW--/2020-09-14

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		
Length-related flow resistance	4,1	kPa s/m ²	EN 29053-1
Weighted Sound Absorption Coefficient	0,75	α_w	EN ISO 11654
Resistance to insect pests	Klasse 0		EAD 040005-00-1201, Annex C
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	
European technical approval	ETA-07/0214		
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	D-s2, d0		DIN EN 13501-1
Fire behaviour group according to VKF fire protection guidelines (Switzerland)	RF3		SN EN 13501-1
Thermal conductivity	0,037	λ_D W/mK	EN 12667
Thermal conductivity	0,03567	$\lambda_{90/90}$ W/mK	EN 12667



SCAN QR CODE FOR THE SHEEPWOOL PLUS POINTS!

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.

