

HEALTHY INSULATION CAN NATURALLY DO MORE.

ISOLENA

Technical data sheet

PREMIUM 20kg/m³



Sheep's wool insulation ISOLENA Premium 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
160,00	600,00	3 000,00
180,00	600,00	2 500,00
200,00	600,00	2 500,00
220,00	600,00	2 500,00
240,00	600,00	2 000,00
260,00	600,00	2 000,00
280,00	600,00	2 000,00
300,00	600,00	2 000,00



CE CE-003/PRE/2020-01-15

Applications

Thermal insulation: Ceiling - not accessible, Top floor ceiling, tie-beam roof, External wall, Facade insulation, Roof insulation, Between rafter insulation, Rafter 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		
Length-related flow resistance kPa s/m ²	4,1	kPa s/m ²	EN 29053-1
Thermal conductivity	0,035	tr W/mK	EN 12667, ISO 8302
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



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.

