

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
150	600	3 000
160	600	3 000
180	600	2 500
200	600	2 500
200	700	2 500
200	800	2 500
220	600	2 500
240	600	2 000
240	750	2 000
260	600	2 000
260	750	2 000
280	600	2 000
280	700	2 000



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



SCAN QR CODE FOR THE SHEEPWOOL PLUS POINTS!

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	4,1	kPa s/m ²	EN 29053-1
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	0,034	λ_D W/mK	EN 12667
Thermal conductivity	0,03397	$\lambda_{90/90}$ W/mK	EN 12667

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Technical data: Product

Property	Value	Unit of measurement	Standard
Resistance to insect pests	Klasse 0		EAD 040005-00-1201, Annex C

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.