

HEALTHY INSULATION CAN
NATURALLY DO MORE.

ISOLENA

Technical data sheet

BLOCK 14kg/m³

Sheep's wool insulation ISOLENA Block 14kg/m³ 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

This is a customized product. Special dimensions and formats on request.

Applications

Thermal insulation: Ceiling - not accessible, Top floor ceiling, tie-beam roof

Technical data: Product

Property	Value	Unit of measurement	Standard
Mould growth intensity	0		EAD 040005-00-1201 Annex B
Eco-label NaturePlus	0103-1006-099-1		
Fire behavior	E, s1, d0		EN 13501-1
Weighted Sound Absorption Coefficient	0,6	αw	EN ISO 11654
Length-related flow resistance kPa s/m²	0,9	kPa s/m²	EN 29053-1
Thermal conductivity	0,042	λtr W/mK	EN 12664
Vapour diffusion resistance factor μ	1	μ	EN ISO 12572
Water absorption during short-term, partial immersion WS	0,98-2,45	kg/m²	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/m²	EN ISO 16535
Borates toxic to reproduction: None			DIN EN 16516



CE CE-002/BLO/2020-09-14



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.