

HEALTHY INSULATION CAN NATURALLY DO MORE.

ISOLENA

Technical data sheet

ACOUSTIC UNDERLAY INSULATION 100kg/m³



ISOLENA Acoustic underlay insulation 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
3,50	1 000,00	25 000,00



Applications

Sound insulation: 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	50,7	MN/m ³	EN 29052-1
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	
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
Impact sound reduction	21	dB	DIN 4109-34
Sd-value	3,22	m	



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.

