

# HEALTHY INSULATION CAN NATURALLY DO MORE.

## Technical data sheet

### SHEEPWOOL FELT 100kg/m<sup>3</sup>



SOLENA Sheep wool felt 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
9,00	950,00	10 000,00
9,00	1 000,00	10 000,00



#### Applications

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

**Sound insulation:** Acoustic decoupling, Acoustic decoupling floor, Ceiling insulation, suspended ceiling, Sound proof ceiling, Acoustic ceiling, 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	62,1	MN/m <sup>3</sup>	EN 29052-1
Length-related flow resistance kPa s/m <sup>2</sup>	29,5	kPa s/m <sup>2</sup>	EN 29053-1
Resistance to insect pests	Klasse 0		EAD 040005-00-1201, Annex C
Weighted Sound Absorption Coefficient	0,30	α <sub>vv</sub>	EN ISO 11654
Vapour diffusion resistance factor μ	1	μ	EN ISO 12572
Water absorption during short-term, partial immersion WS	0,98-2,45	kg/m <sup>2</sup>	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 <sup>2</sup>	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

#### 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).

Test certificates upon request.

