



Nature has given us a unique, sustainable raw material whose use is the order of the day.

D Sheep wool is an outstanding insulator,

ISOLENAWOLLE achieves top insulation values by its very nature* and offers a unique combination of product benefits like no other insulation material.

* Thermal conductivity λ 0.035 – 0.042W/m²K

♥ creates a healthy climate in the room,

Sheep wool is able to purify the air in a room with a very short space of time, removing many odours and harmful substances, such as formaldehyde.

💧 regulates humidity,

Sheep wool can absorb up to 33 % of its own weight in moisture, without compromising its insulating effect.

✓ represents quality and safety

ISOLENAWOLLE has been technically inspected many times, carries the international natureplus quality seal and holds the European Technical Approval (ETA).

🌿 is a sustainable raw material.

As a natural product, sheep wool is shorn twice a year and can be returned to the environmental cycle at any time.



Sheep wool: a natural insulator.

Healthy insulation can naturally do more.



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Your SheepWool Insulation Agent:

Specify in confidence. ISOLENA has been awarded the CE certification by the European Organisation for Technical Approvals.



The insulation material that can do more.

Used in variety of ways.

SheepWool Insulation product overview.



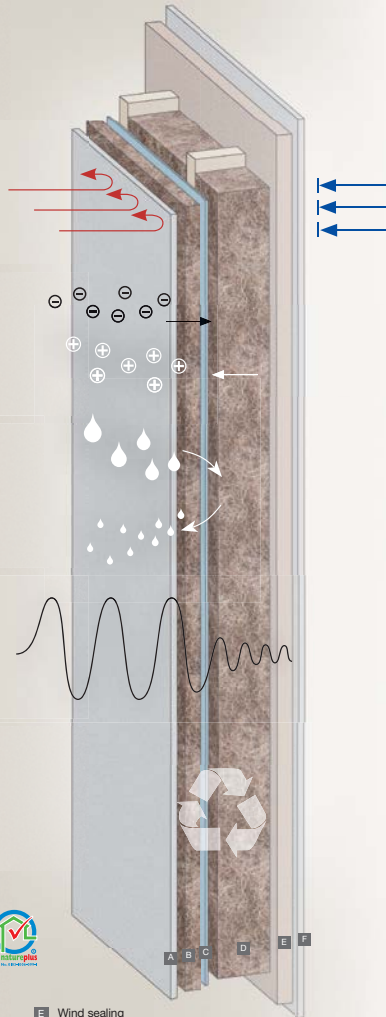
D Heat insulation

Heart Air purification

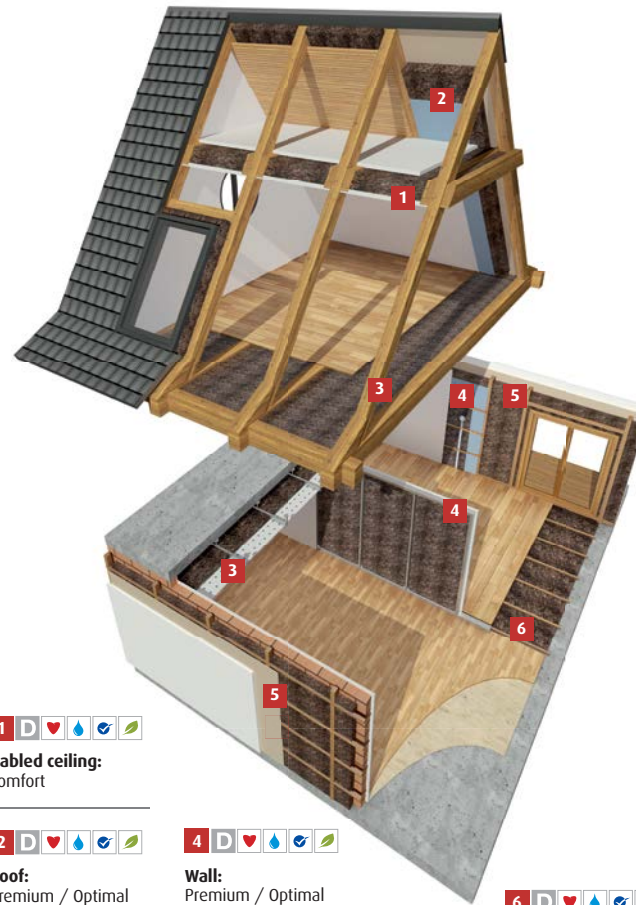
Water drop Humidity regulation

Checkmark Sound insulation
Fire protection

Leaf Sustainable



A Interior cladding C Air sealing E Wind sealing
B Installation level ISOLENAWOLLE D Main insulation level ISOLENAWOLLE F Facade cladding



1 Gabled ceiling:
Comfort



2 Wall:
Premium / Optimal



3 Timber:
Ceiling:
Premium / Optimal /
Comfort

Acoustic ceiling:
Optimal



4 Wooden frame construction:
Premium / Optimal



5 Facade:
Premium / Optimal



6 SilentWool Floor:
Premium / Optimal /
Comfort

SilentWool Floor:
SilentWool Floor
(pre-fitted with a
breathable paper) /
SilentWool Joist /
SilentWool Carpet

New technology



ISOLENA Premium
New technology –
for fast installation
in high insulation strengths.

Raw density: 20 kg/m³
Thermal conductivity: tr 0,0385 W/m²K



ISOLENA Optimal
Standard product with
support felt for
easy fastening.

Raw density: 18 kg/m³
Thermal conductivity: tr 0,0385 W/m²K



ISOLENA Comfort
Light, good value
sheep wool nonwoven.

Raw density: 14 kg/m³
Thermal conductivity: tr 0,042 W/m²K



ISOLENA SilentWool Floor
(pre-fitted with a breathable
paper). Multi-purpose under-
floor acoustic insulation made
from pure new sheep's wool
and pre-fitted
with a breathable paper.

Raw density: 100 kg/m³
Footfall sound improvement: bis 21 DB



ISOLENA SilentWool Joist
Acoustic insulation strips
for joists.

Raw density: 100 kg/m³



ISOLENA SilentWool Carpet
Acoustic underlay rolls for the
reduction of impact sound
transfer under carpeted areas.

Thickness: 7 mm

Physical properties

Thermal conductivity:	0,035 – 0,045
Combustibility class:	E s1, d0 / Bs1, d0 BKZ in CH 5,3
<small>* Flammability of an acoustic ceiling element</small>	B s1, d0
Flash point:	570° C – 600° C
Water vapour diffusion permeability:	1 – 2
Wool protection:	1 % Thorian IW

Perforated plasterboard panel 12 mm thick, perforation 18/18-5 mm diameter, ISOLENAWOLLE Optimal (thickness 40 mm), 60 mm rear ventilation compliant with European Norm EN 13501-1.