

Lorem ipsum

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.

♥ 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.

🏠 IONIC PROTECT®, the new, innovative wool protection

is the most useful invention since virgin sheep wool to be used as insulation protection. Biocide-free, permanent and CUAP tested.

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



To purchase contact:



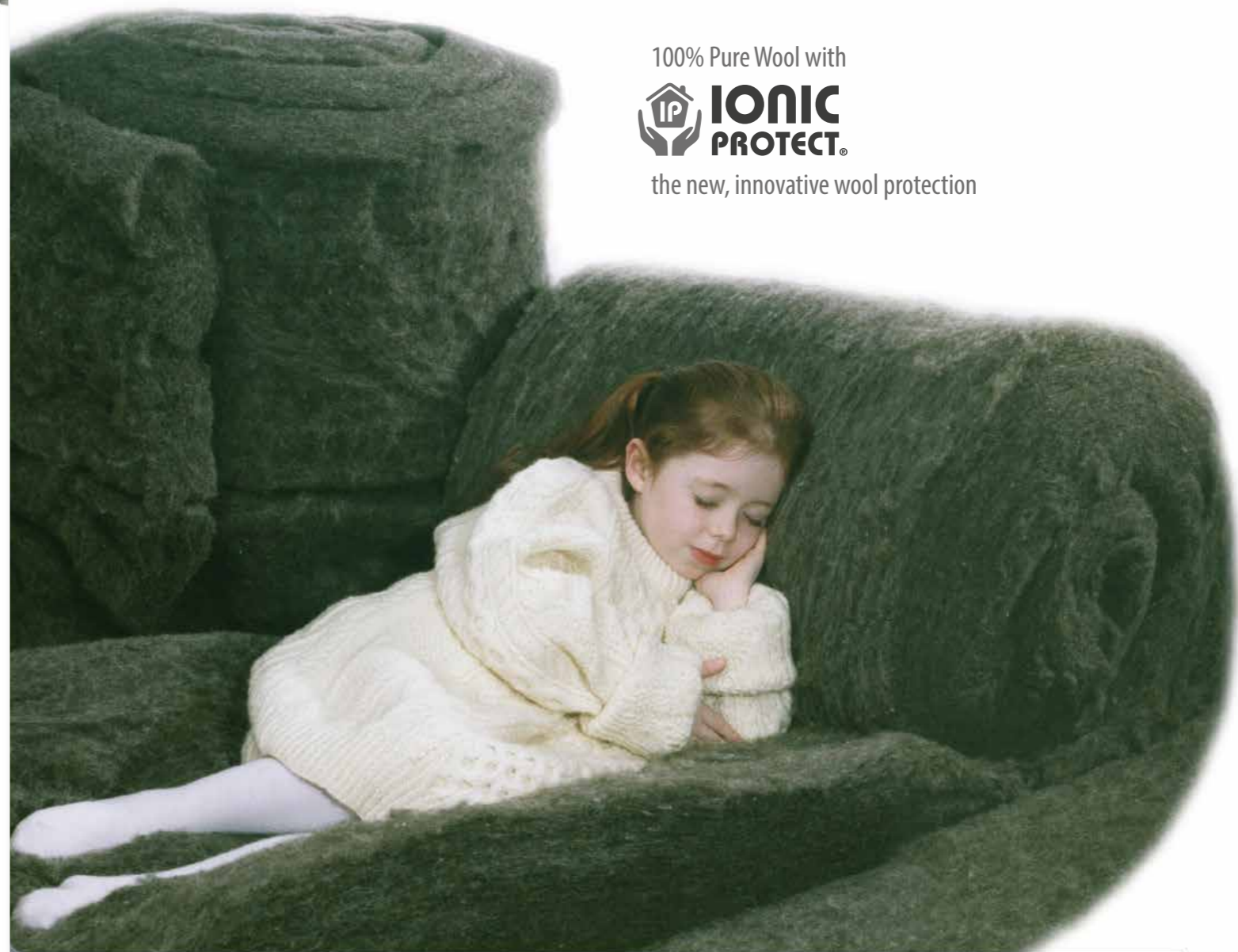
Smart Green Sheep
Unit 19P, Flighways Business Park,
Dunkeswell, EX14 4PB
Phone: 01404 891002
Email: info@smartgreensheep.co.uk
Email: sales@smartgreensheep.co.uk

Healthy insulation can naturally do more.

Sheep wool: a natural insulator.



100% Pure Wool with
the new, innovative wool protection

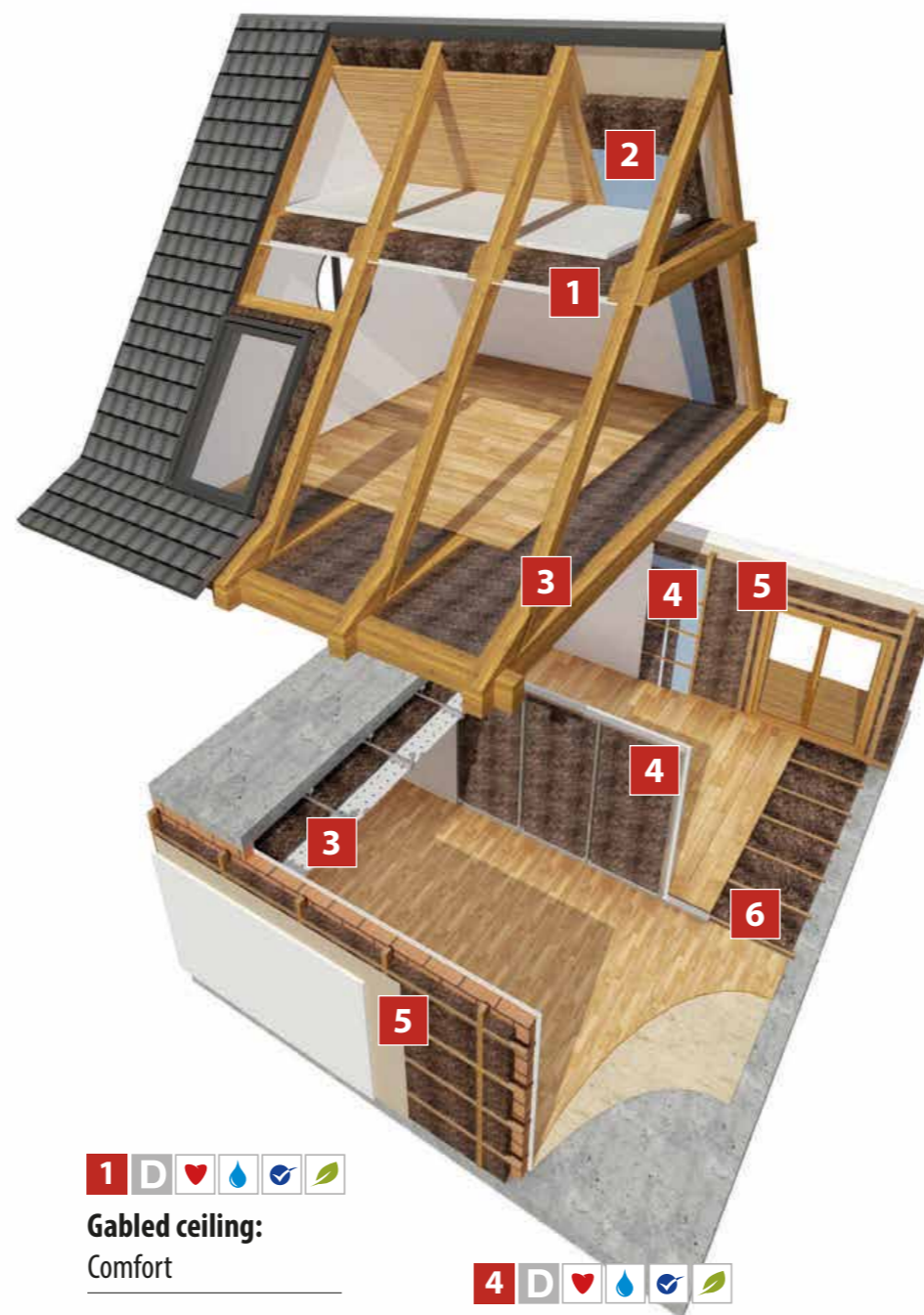
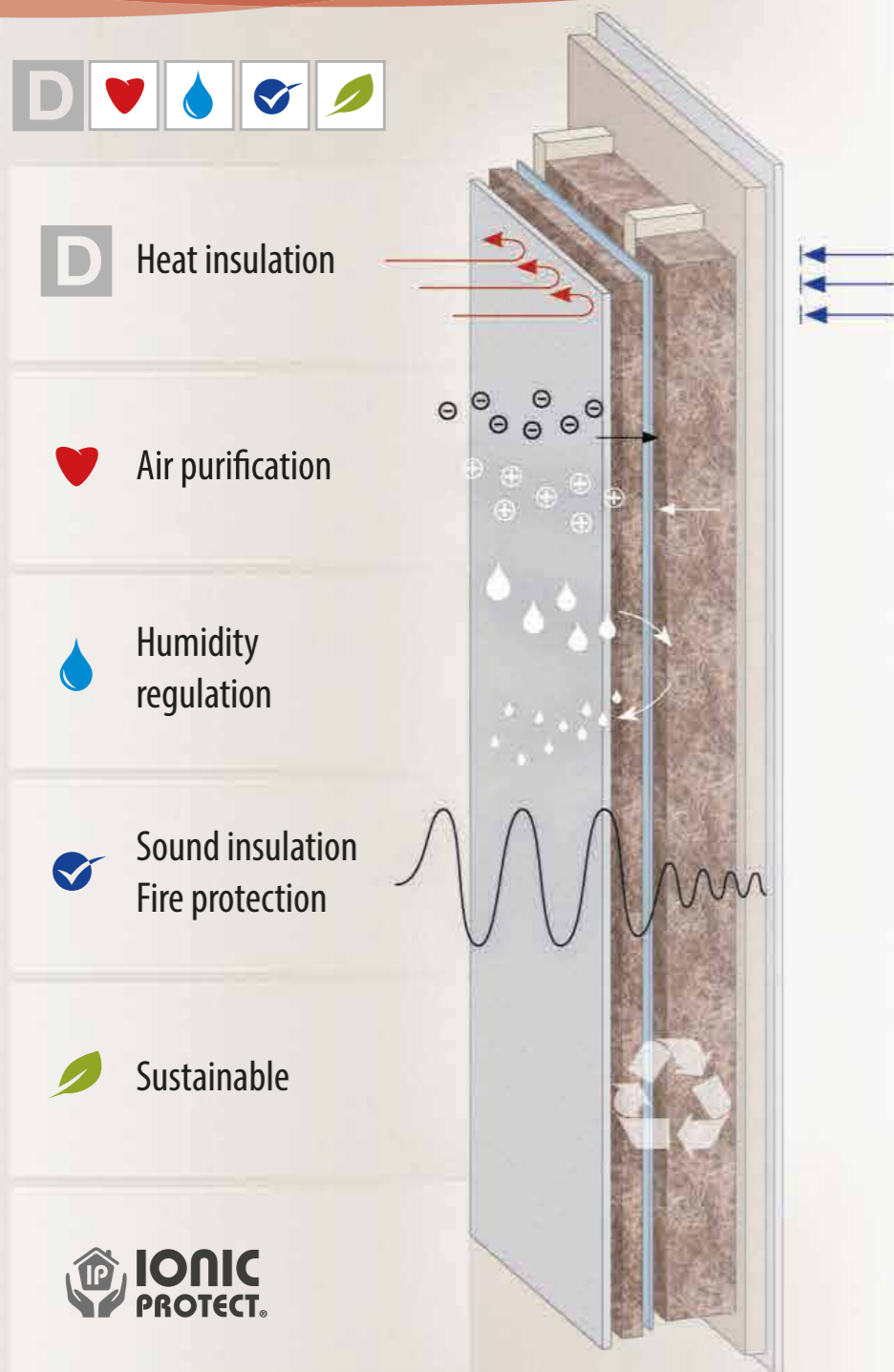


The insulation material that can do more

Used in a variety of ways



SheepWool Insulation product overview



1 Gabled ceiling:
Comfort



2 Roof:
Premium / Optimal

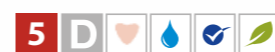


3 Ceiling:
Premium / Optimal /
Comfort

Acoustic ceiling:
Optimal



4 Wall:
Premium / Optimal



5 Timber:
Premium / Optimal

Wooden frame construction:
Premium / Optimal

Facade:
Premium / Optimal



6 Floor:
Premium / Optimal /
Comfort

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



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

Raw density: 20kg/m³
Thermal conductivity: tr 0,0359 W/mK

ISOLENA Optimal
Standard product with
support felt for
easy fastening.

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

ISOLENA Comfort
Light, good value
sheep wool nonwoven.

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



ISOLENA Silentwood 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: 100kg/m³
Footfall sound
improvement: bis 21 DB



ISOLENA Silentwood Joist
Acoustic insulation strips
for Joists.

Raw density: 100kg/m³



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

Thickness: 9mm

| Physical properties | |
|---|-------------------|
| Thermal conductivity: | 0,035–0,042 |
| Combustibility class: | Es1, D0 / Bs1, d0 |
| | BKZ in CH 5,3 |
| | BS1, d0 |
| Flash Point: | 570° C–600° C |
| Water vapour diffusion permeability: | 1–2 |
| Wool protection: | IONIC PROTECT® |

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

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

