

Sheep's wool insulation as acoustic insulation in suspended ceilings, wall

Delivery and installation of pure shorn sheep's wool felt in the acoustic level in accordance with the production protocol, natureplus certified, 22 kg/m³ density, as an acoustic insulation, fitted with tested pesticide-free wool protection **lonie Protect**[®]; no foreign supporting fibers or mesh.

The following must be demonstrated for the product: Valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection **lonie Protect**[®]

Insulation thickness: cm
Brand: ISOLENAWOLLE Optimal plus or equiv.

Invoicing is according to m² of area actually insulated, with openings up to 1 m² and wood portions excluded.

Material
Labor
..... m² EP..... EUR

Info for purchasers:

Alternatively, for especially demanding room acoustic requirements, an ISOLENA clamping felt with 30 kg/m³, nature plus certified and a flow resistivity of 10.2 kPa.s/m² or Isolena Optimal with 18 kg/m³ and a λ value = 0,0385 can be tendered.

The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection **lonie Protect**[®]

Sheep's wool insulation in walls or rafters

Supply and install to manufacturer's specifications continuously needled wool felt, made of pure virgin wool, natureplus certified, 22 kg/m³ volume weight, as thermal insulation with tested **lonie Protect**[®] wool protection; free of foreign filler fibers or mesh.

The following must be demonstrated for the product: Valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection **lonie Protect**[®]

Insulation thickness: cm
Brand: ISOLENAWOLLE Optimal plus or equiv.

Invoicing is according to m² of area actually insulated, with openings up to 1 m² and wood portions excluded.

Material
Labor
..... m² EP..... EUR

Info for purchasers:

Alternatively, ISOLENA Premium with 20 kg/m³, nature plus certified and a λ value = 0,0359 W/mK, ISOLENA clamping felt with 30 kg/m³, nature plus certified and a λ value = 0,0339 W/mK or ISOLENA Optimal with 18 kg/m³ and a λ value = 0,0385 can also be tendered.

The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection **lonie Protect**[®]



Sheep's wool insulation between framing of beams or bridging joists

Delivery and installation of a pure shorn sheep's wool felt in accordance with the production protocol, 14 kg/m³ density, as heat insulation, fitted with tested pesticide-free wool protection ***Ionic Protect***[®]; no special flame retardants or foreign supporting fibers or mesh.

The following must be demonstrated for the product: valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Insulation thickness: cm
Brand: ISOLENAWOLLE Block or equiv.

Invoicing is according to m² of area actually insulated, with openings up to 1 m² and wood portions excluded.

Material
Labor
..... m² EP..... EUR.....

Info for purchasers:

Alternatively, ISOLENA Optimal with 18 kg/m³ and a λ value = 0,0385 W/mK, ISOLENA Premium with 20 kg/m³ and a λ value = 0,0359 W/mK or Isolena clamping felt with 30 kg/m³ and a λ value = 0,0339 W/mK can also be tendered. The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Sheep's wool sound insulating material

Delivery and installation over the entire surface in accordance with the production protocol of a sound insulating material made from pure shorn sheep's wool, approx. 100 kg/m³ density, as impact sound insulation, fitted with pesticide-free tested wool protection ***Ionic Protect***[®]; no special flame retardants or supporting fibers or mesh.

The following must be demonstrated for the product: valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Dynamic stiffness: ≥ 60 MN/m³
Felt thickness: 9/7mm
Brand: ISOLENAWOLLE Trittschallfilz or equiv.

Invoicing is according to m² of area actually insulated, with openings up to 1 m² and wood portions excluded.

Material
Labor
..... m² EP..... EUR.....

Info for purchasers:

7 mm should be considered the installation thickness. The felt reaches this thickness under low weight and retains this thickness up to a full load.

The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]



Sound insulating material strips under bridging joists or as edge strips

Delivery and installation in accordance with the production protocol of sound insulating material strips under bridging joists, on framing of beams or as edge strips made of pure shorn sheep's wool with tested pesticide-free wool protection ***Ionic Protect***[®]; no special flame retardants or foreign supporting fibers or mesh.

The following must be demonstrated for the product: valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Felt thickness: 9/7mm
Width: 100mm
Brand: ISOLENAWOLLE Trittschallfilz or equiv.

Invoicing is based on running meters of actually installed insulation strips.

	Material	
	Labor	
..... m ²	EP.....	EUR.....

Info for purchasers:

100 mm is the standard width. Specific widths are also available on request and at a corresponding purchase quantity. The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Impact sound insulation beneath floating floors

Delivery and installation, in accordance with the production protocol, over the entire surface without overlap of impact sound insulation made from pure shorn sheep's wool, approx. 100 kg/m³ density, as impact sound insulation fitted with pesticide-free tested wool protection ***Ionic Protect***[®]; no special flame retardants or supporting fibers or mesh; includes kraft paper on one side.

The following must be demonstrated for the product: valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]

Dynamic stiffness: ≥ 50 MN/m²
Felt thickness: 3,5mm
Felt thickness: ISOLENAWOLLE Trittschalldämmung or equiv.

Invoicing is according to m² of area actually insulated, with openings up to 1m² and wood portions excluded.

	Material	
	Labor	
..... m ²	EP.....	EUR.....

Info for purchasers:

This felt is laid directly beneath a floating floor. Kraft paper acts as a slight vapor barrier and makes it easier to push the floor together. The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection ***Ionic Protect***[®]



Joint tape

Delivery and installation in the window frame, door and wall joints, in accordance with the production protocol, of a joint tape made from pure shorn sheep's wool and fitted with tested wool protection **lonic Protect**[®]; no special flame retardants or foreign supporting fibers or mesh.

The following must be demonstrated for the product: valid NATURE PLUS certificate, ETA, PERMANENCE TEST for wool protection **lonic Protect**[®]

Heat conductivity: 0,0339 W/mK
Density: 30kg/m³
Evaluated joint sound insulation measurement: $[R_{s,w} / C; C_{tr}] \geq 62$ (-2; -5) dB
Thickness: for joints of 20mm-60mm
Brand: ISOLENAWOLLE Fugenband or equiv.

Invoicing is based on running meters of actually insulated joints.

	Material	
	Labor	
.....lfm	EP.....	EUR.....

Info for purchasers:

The following must be demonstrated for the product: VALID NATURE PLUS CERTIFICATE, ETA, PERMANENCE TEST for wool protection **lonic Protect**[®]



ISOLENAWOLLE Silentum pinboard panel

Supply and install to manufacturer's specifications in ceiling and walls.

Sound absorption per ÖNORM EN ISO 11654 $aw=0.60$ (H), fire-protection classification per ÖNORM EN 13501- 1: C-s2do, with tested **Ionie Protect**[®] biocide-free wool protection.

To be documented for the product: sound testing certificates, fire protection certificate, **Ionie Protect**[®] wool protection.

PANEL STRUCTURE:

Silentum wool felt (density: 100kg/m³; thickness: 9mm)

15mm soft wood fibreboard (2.1kg/m³)

18mm coreboard (three-layer board, 10.1 kg/m³)

50 mm spacer (wood fasteners)

STANDARD SIZES:

	b x l in cm	mounting strips
Vertical:	120 x 240	4
Vertical:	60 x 120	4
Horizontal:	240 x 120	4
Horizontal:	120 x 60	4
Square:	120 x 120	2
Square:	60 x 60	2

Manufacturer: ISOLENAWOLLE Silentum pinboard panel or equiv.

Info for purchasers:

For acoustic felt, special colors, lengths and widths are available from a minimum area of 150 m². To be documented for the product: sound testing certificates, fire protection certificate, **Ionie Protect**[®] wool protection.

ISOLENAWOLLE Silentum lamellar panel

Supply and install to manufacturer's specifications in ceiling and walls.

Sound absorption per ÖNORM EN ISO 11654 $aw=0.85$ (H), fire-protection classification per ÖNORM EN 13501- 1: C-s2do, with tested **Ionie Protect**[®] biocide-free wool protection.

To be documented for the product: sound testing certificates, fire protection certificate, **Ionie Protect**[®] wool protection.

PANEL STRUCTURE:

Silentum wool felt (density: 100kg/m³; thickness: acoustic felt 9mm + lamellar felt 30 mm)

15mm soft wood fibreboard (2.1kg/m³)

18mm coreboard (three-layer board, 10.1 kg/m³)

50 mm spacer (wood fasteners)

STANDARD SIZES:

	b x l in cm	mounting strips
Lamella vertical:	120 x 120	2
Lamella vertical (landscape format):	120 x 60	4
Lamella vertical:	60 x 60	2
Lamella horizontal:	120 x 120	2
Lamella horizontal (landscape format):	120 x 60	4
Lamella horizontal:	60 x 60	2

Manufacturer: ISOLENAWOLLE Silentum lamellar panel or equiv.

Info for purchasers:

For acoustic felt, special colors, lengths and widths are available from a minimum area of 150 m². To be documented for the product: sound testing certificate, fire protection certificate, **Ionie Protect**[®] wool protection.



ISOLENAWOLLE Silentum acoustic felt

Supply and install to manufacturer's specifications in ceiling and walls.

Sound absorption per ÖNORM EN ISO 11654 $aw=0.60$ (H), fire-protection classification per ÖNORM EN 13501- 1: C-s2do, with tested **lonic Protect**® biocide-free wool protection.

To be documented for the product: sound testing certificates, fire protection certificate, **lonic Protect**® wool protection.

Submission:	running meter
Roll width:	150cm
Thickness:	9mm
Standard roll length:	10m
Manufacturer:	ISOLENAWOLLE Silentum acoustic felt or equiv.

Info for purchasers:

For acoustic felt, special colors, lengths and widths are available from a minimum area of 150 m². To be documented for the product: sound testing certificates, fire protection certificate, **lonic Protect**® wool protection.

ISOLENAWOLLE Silentum acoustic lamellar felt

Supply and install to manufacturer's specifications in ceiling and walls.

Sound absorption per ÖNORM EN ISO 11654 $aw=0.85$ (H), fire-protection classification per ÖNORM EN 13501- 1: C-s2do, with tested **lonic Protect**® biocide-free wool protection. You can select the lamella color and the base lamellar felt from 14 trendy colors. The first dimension (width) is always the length of the lamella, which can be stitched up to 120 cm. Smallest available area: 0.25 m²

To be documented for the product: sound testing certificates, fire protection certificate, **lonic Protect**® wool protection.

Submission:	m ²
Size:	100x100cm
Thickness:	9 mm acoustic felt + 30 mm lamellar felt
Manufacturer:	ISOLENAWOLLE Silentum acoustic lamellar felt or equiv.

Info for purchasers:

For acoustic felt, special colors, lengths and widths are available from a minimum area of 150 m². To be documented for the product: sound testing certificate, fire protection certificate, **lonic Protect**® wool protection.

