



The natural way to save energy



## Wool: A Natural Beginning

For millions of years, sheep have been able to adapt to many environments as their wool protects them through hot, cold, dry and wet seasons.

Sheep's wool has a number of very unique properties that enable it to retain excellent thermal properties even in the harshest climates.

The wave or crimp of a wool fibre help it to trap air and slow down heat loss. Wool is breathable, which means it's performance is consistent even in damp conditions. In addition, wool is a very durable and long-lasting fibre which can be stretched, bent, compressed and twisted without breaking.



## What is Sheep Wool Insulation?

Sheep Wool Insulation is a range of energy saving insulation products made from natural sheep's wool. The superior thermal and acoustic performance of Sheep Wool Insulation make it an ideal choice for attics, walls and floors of residential and commercial buildings.

The process to produce Sheep Wool Insulation is environmentally sensitive, not requiring any man-made fibres or glues. Therefore our products are the most effective, safest and most environmentally friendly solution to a range of construction requirements.



## Why choose Sheep Wool Insulation?

Whether you are a homeowner, builder or construction professional, the many advantages of Sheep Wool Insulation will give you the confidence and peace of mind to choose the right product for your project.



### ✓ Superior Performance

Proven and certified results ensure the performance you need to minimise costly heat energy loss. Breathable wool fibres maintain this performance and help regulate indoor air climate, throughout the year.

### ✓ Environmentally Friendly

Wool is a sustainable and renewable natural material that is fully reusable and ultimately biodegradable. With the lowest embodied energy and a natural production process, Sheep Wool Insulation has unrivalled environmental credentials.



### ✓ Safe & Healthy

Trust a safe to handle, non-toxic and fire resistant insulation to keep your building and occupants free from harm. No specialised safety clothing or equipment is required to fit the products as Wool poses no risk to your health and causes no irritation.

## Suitable for use throughout your home

Sheep Wool Insulation products can be installed in a variety of locations around a building for both thermal and acoustic insulation purposes. The illustration below shows building elements where Sheep Wool Insulation can be used. For further information and technical assistance about insulating your home, please visit our website.

### Premium Insulation Rolls

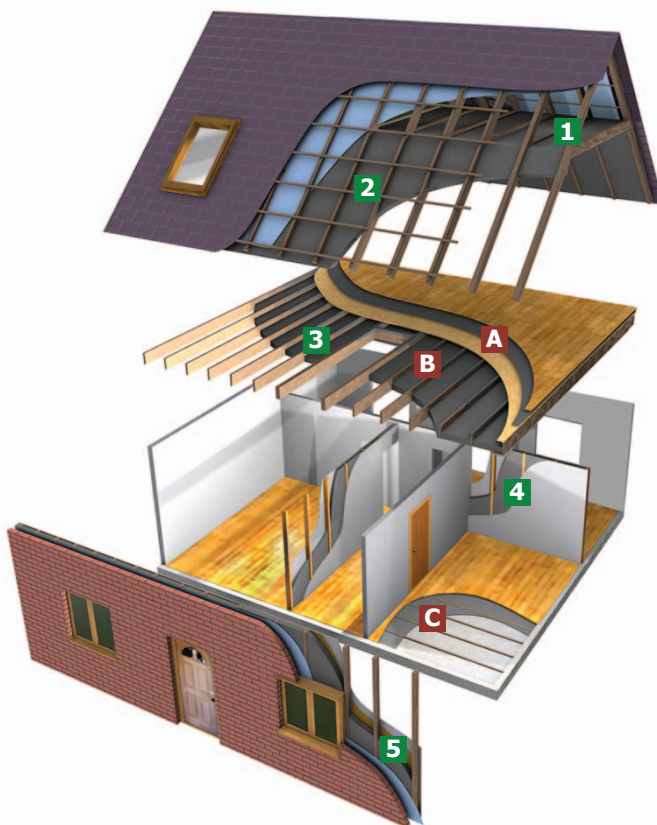


- Suits a variety of applications including roofs, walls and floors
- Highest thermal performance
- Superior acoustic properties

### Comfort Insulation Rolls



- For use in ceilings & floors
- Better performance than man-made insulation
- Economical pricing



### SilentWool Floor Acoustic Underlay<sup>◇</sup>



- Impact sound insulation
- Optional moisture barrier

### SilentWool Joist Acoustic Strips<sup>◇</sup>



- Convenient strip size

### SilentWool Carpet Premium Underlay<sup>◇</sup>



- Tough & long-lasting
- Reduces draught

### Premium Insulation Rolls

### Comfort Insulation Rolls

Sizes *	Premium Insulation Rolls	Comfort Insulation Rolls
Thickness [mm]	50 / 75 / 100	100 / 150
Width [mm]	380 / 570	380 / 570
Length [m] **	8 / 6 / 5	6 / 5
Area/Pack [m <sup>2</sup> ]	9.12 / 6.84 / 5.70	6.84 / 5.70
Characteristics		
Thermal Conductivity $\lambda$ [W/(m*K)]	0.039	0.042
Density [Kg/m <sup>3</sup> ]	25	15
Water Absorption (100% RH)	35%	35%
Product Applications		
Roof: Joist Level <b>1</b>	•	•
Roof: Rafter Level <b>2</b>	•	
Ceiling, Floor <b>3</b>	•	•
Wall: Interior/Partition <b>4</b>	•	
Wall: Timber Frame <b>5</b>	•	

\* Custom sizes available on request, subject to minimum order quantities

\*\* Length varies with thickness. i.e. Premium 50mm thick is 8m in length, 75mm is 6m

◇ For further information, please visit our website [www.sheepwoolinsulation.com](http://www.sheepwoolinsulation.com)



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Your Sheep Wool Insulation Agent:

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



Information and technical details are subject to change.



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