



**GREEN SHEEP**<sup>®</sup>  
INSULATION & HOME COMFORT

# GreenWool Roll-Form

Sheeps Wool Blend Blanket Insulation  
for Ceilings, Walls & Underfloors



[greensheep.co.nz](https://greensheep.co.nz)

# GreenWool Roll-Form... Nature's Blanket

GreenWool Roll-Form is a Wool blend rich in New Zealand Sheeps Wool and binder fibre (polyester). This forms a versatile and reliable product which gives you the full benefit of sheeps wool with enhanced performance. It's safe to handle, because it's non-irritating to the skin, eyes or respiratory tract. The polyester is low melt and allows the product to be bonded using heat. This avoids the use of glues and resins which are found in traditional insulation. Choose either white virgin Wool or Grey recycled wool.



## WHAT IS IT?

GreenWool Roll-Form insulation is quality scoured sheep wool which is sourced from New Zealand wool growers. The wool is blended with polyester to form a versatile blanket product suitable for ceilings, walls and underfloor.

## IS IT EFFECTIVE?

GreenWool Roll-Form wool insulation forms an amazingly effective thermal barrier. The thermal performance will depend on the installed R-values for given depth and density (see following page).

## HOW DURABLE IS IT?

GreenWool Roll-Form meets the 50 year minimum durability of NHBC B2.

## IS IT A SUSTAINABLE PRODUCT?

Yes, GreenWool Roll-Form is fully recyclable. Green Sheep® promote products which have responsible use of natural resources. We consider the balance required between economy, environment and society and ask our team members, partners, suppliers and customers to consider the same.

## IS IT FIRE RESISTANT?

Wool has a higher fire resistance than most other insulation products. Wool will not burn but melt away from the ignition source and extinguish itself.

## CAN I BE ASSURED OF ITS QUALITY?

Green Sheep® installation systems and products are subject to regular in-house quality control checks. A quality assurance guarantee is provided by Green Sheep®. Green Sheep® will check and certify the installation of their products when their own approved installer is used.

## WHAT HAPPENS IF IT GETS WET?

GreenWool Roll-Form insulation will provide maximum insulation when it is dry. If the product does get wet, once dry, it will retain the insulation value it had prior to getting wet.

## IS IT SAFE?

GreenWool Roll-Form is a wool fibre blend and is non-toxic, non-irritant, non-allergenic and carries no nasty odours.

## DOES IT ABSORB SOUND?

GreenWool Roll-Form absorbs sound from road noise, heavy rain, aircraft etc. Although there is currently no data rating available, Wool has proven acoustic performance.

## HOW IS IT INSTALLED?

GreenWool Roll-Form can be installed by our trained installers in the Bay of Plenty, Waikato and Auckland or you can purchase online. Installation instructions are included in each bag.

## HOW MUCH DOES IT COST?

GreenWool Roll-Form costs will vary depending on the R-value you choose for your home. See our value for money prices online or request a Free quote including installation if you are in the Bay of Plenty, Waikato or Auckland service areas.

## IS IT INSECT AND VERMIN RESISTANT?

GreenWool Roll-Form is fully treated in an environmentally friendly way.



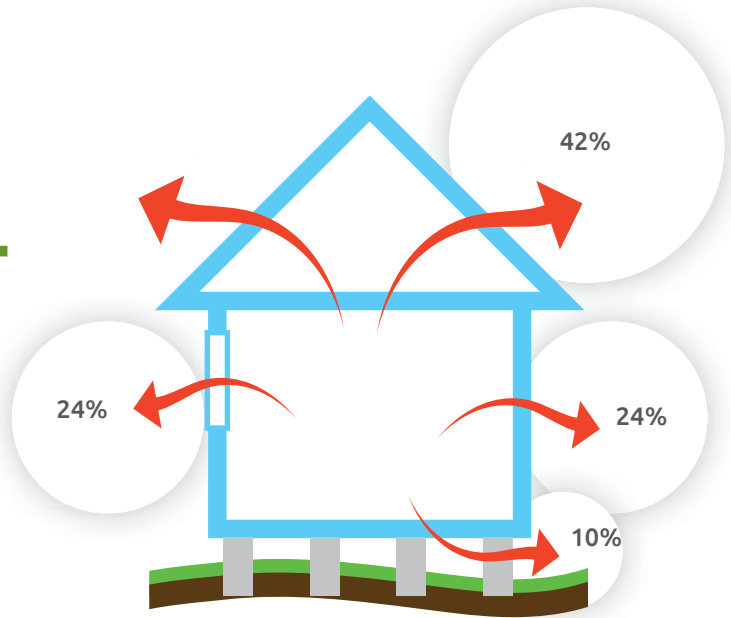
## Heat Loss from an Uninsulated Home

42% through the roof

24% through unblocked chimneys, and draughts around doors and windows

24% through walls

10% through the floor



### Ceiling



*GreenWool is so effective because it forms one giant blanket that goes right out to the edges and covers all the gaps*

### Walls



*GreenWool Roll-Form can be stapled into studs so you can rest assured the product will never sag over time.*

### Underfloor



*Like the wall insulation, Greenwool Roll-Form Underfloor is stapled to the sides of floor joists to avoid sagging.*

## GreenWool Roll-Form Thermal Performance

R-value	Application	Product Width	Nominal Thickness	m <sup>2</sup> per bale
2.0	Ceiling	500mm, 650mm, 870mm	100mm	20m <sup>2</sup>
2.6	Ceiling & Wall (140mm)	580mm, 870mm	140mm	15m <sup>2</sup>
3.2	Ceiling	870mm	185mm	12m <sup>2</sup>
4.0	Ceiling (Double layer 2xR2.0)	500mm, 650mm, 870mm	220mm	
5.2	Ceiling (Double layer 1xR2.0, 1x R3.2)	870mm	280mm	
2.2	Wall	580mm	90mm	12m <sup>2</sup>
2.4	Wall	580mm	90mm	10m <sup>2</sup>
2.0	Underfloor	500mm, 650mm	100mm	20m <sup>2</sup>

**Note: Please talk to us if you have other requirements for widths.**

# The Benefits of Wool

## NATURAL

Wool is nature's miracle fibre. Individual wool fibres have hollow spaces or medulla, which decreases thermal conductivity and gives it outstanding insulation performance. The wool fibre has a natural crimp or "springiness" which gives it natural loft and ability to entrap air which makes it the perfect natural insulator.

## HEALTHY OPTION

Wool is a protein fibre similar in structure to human hair. It is biodegradable and non-toxic. Wool insulation is the preferred option for people who suffer allergies. Unlike fibreglass products, wool will not release small fragments of fibre into the air which can trigger allergic reactions in sensitive people. Wool does not produce toxic fumes and unlike fibreglass, wool can easily be installed without any special safety equipment.

## THE NATURAL AIR-CONDITIONER

Wool has the unique ability to moderate the humidity inside your home. When the external temperature drops and the amount of moisture in the air increases, wool absorbs this increase keeping the indoor environment stable and comfortable. In summer wool helps to create a cooler, pleasant living environment.

## LOWER EMBODIED ENERGY

The fundamental requirement in sustainable products is the capacity to limit energy use in its production. 100% Wool Insulation uses a fraction of the energy of a comparable man made material.

## SECURITY OF SUPPLY

Wool is one of the earth's most sustainable resources; It is an annually shorn and replenished resource. The amount of Wool available to supply the global appetite is only limited by the number of sheep farmed across the planet.

## LONG LIFE MATERIAL

Wool can last for many hundreds of years without losing its resilience or structure. This is historically exemplified in wool carpet, which can resist footfall in high traffic areas without losing either its appearance or its robust ability to function.

## ENVIRONMENTALLY FRIENDLY

Wool is a renewable and sustainable natural resource which is biodegradable, and New Zealand grows the best wool in the world. Most of our wool insulation products can be recycled and some of them have already been recycled, so it is the perfect green solution for home insulation needs.

## 100% BIODEGRADABLE

Wool is a long-life fibre, maintaining its moisture retention properties and flexibility for many years. It will then biodegrade in soil without harm to the planet and the environment, fulfilling optimum life-cycle benefits

## ABSORBS TOXINS

Wool acts as a natural filter. It also has the ability to absorb formaldehyde and other indoor air pollutants such as sulphur dioxide and nitrogen dioxide (which come from gas appliances) thus providing a clean and healthy indoor air environment for your home.

## SOUND ABSORBENT

Our natural wool products possess excellent sound absorbing qualities effectively reducing noise transmission from within and outside of your building.

## GROWN IN NEW ZEALAND

Green Sheep® supply and install wool which is grown and manufactured in New Zealand.

## FIRE RESISTANCE

Wool has a higher fire resistance than most other insulation products. Wool will not burn but melt away from the ignition source and extinguish itself.

## Find the Home Comfort option that is best for ewe



GREENWOOL-100%NZ  
CEILING INSULATION



GREENWOOL ROLL-  
FORM INSULATION



HOME VENTILATION  
SYSTEMS



DVS/HRV/SMARTVENT  
REPLACEMENT FILTERS



ENERGY SAVING  
LED LIGHTING



GARAGE INSULATION  
& MORE



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