



GREEN SHEEP[®]
INSULATION & HOME COMFORT

GreenWool - 100% NZ[™]

Natural Wool Ceiling Insulation for your home



what ewe say

Green Sheep carried out a Free home energy efficiency assessment and identified where our greatest heat losses were. Based on this information we decided to go for the GreenWool-100%NZ wool ceiling insulation at the R5.0 level. We are so much more comfortable now and we can feel the heat staying in our home.

Janice Smith,
Remuera

The advice you gave us about insulation was thorough and professional. The service we received was second to none, a team who were friendly and polite and who gave us full confidence in their workmanship. Not only do we now have a well insulated home, but the knowledge that GreenWool-100%NZ insulation is a safe, durable and sustainable product.

Amanda & Ian Bell, Cambridge

We were looking for a natural product, made in New Zealand, installed by a local NZ company. Green Sheep met all the criteria. They were great. It was a very professional job and we noticed the difference in the warmth of our home immediately."

Peter Crane,
Registered
Professional Surveyor,
Tauranga



greensheep.co.nz

Choose Wool Insulation... the Natural Option

Green Sheep® Insulation & Home Comfort are proud to use and endorse GreenWool - 100% NZ™.

WHAT IS IT?

GreenWool - 100% NZ™ insulation is quality scoured sheep wool which is sourced from New Zealand wool growers. The wool is machine blown as a loose fill product into attic roof spaces.

IS IT EFFECTIVE?

GreenWool - 100% NZ™ wool insulation forms an amazingly effective thermal barrier. The thermal performance will depend on the installed depth and density. R-values for given depth and density are given on the next page.

HOW DURABLE IS IT?

GreenWool - 100% NZ™ will meet the 50 year minimum durability of NHBC B2.

IS IT A SUSTAINABLE PRODUCT?

Yes, GreenWool - 100% NZ™ 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 - 100% NZ™ 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 - 100% NZ™ is 100% wool fibre and is non-toxic, non-irritant, non-allergenic and carries no nasty odours.

DOES IT ABSORB SOUND?

GreenWool - 100% NZ™ 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 - 100% NZ™ must be installed by our trained installers. The wool insulation is blown into the loft area with a special machine.

HOW MUCH DOES IT COST?

GreenWool - 100% NZ™ costs will vary depending on the R-value you choose for your home. GreenWool - 100% NZ™ is very cost effective because it doesn't go through a long manufacturing process like blanket type products.

IS IT INSECT AND VERMIN RESISTANT?

GreenWool - 100% NZ™ is fully treated in an environmentally friendly way.



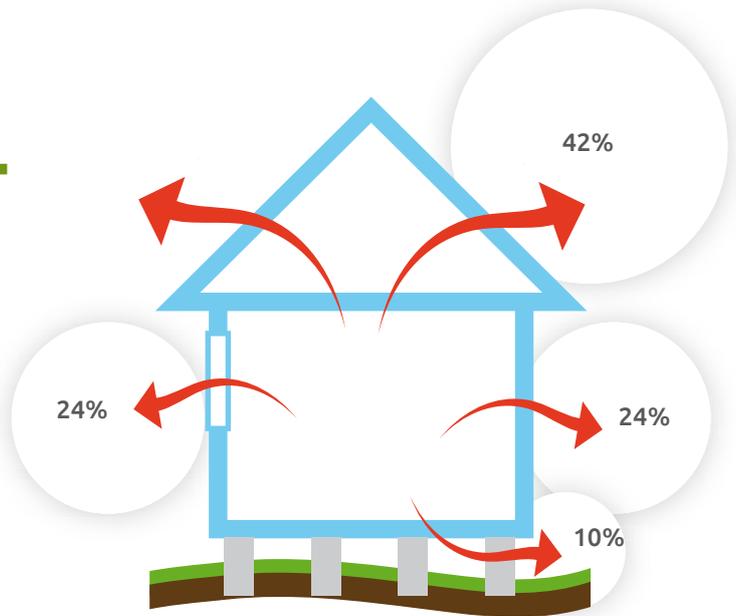
Heat Loss from an Uninsulated Home

42% through the roof

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

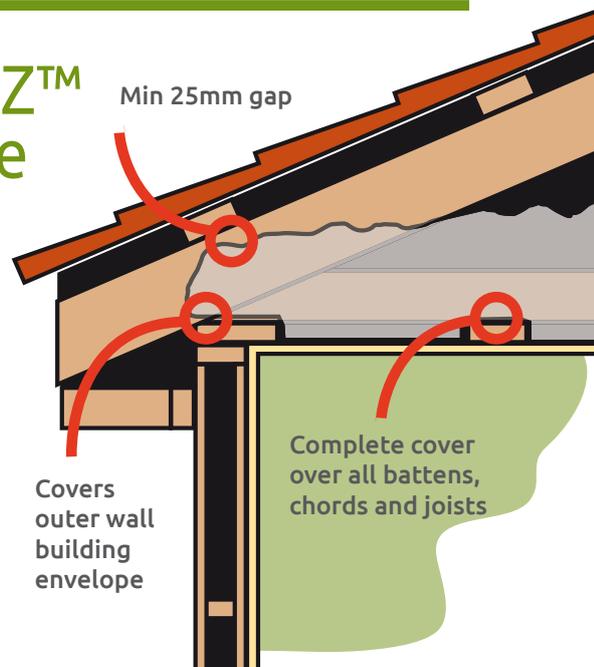
24% through walls

10% through the floor



GreenWool - 100% NZ™ Thermal Performance

Insulation R-value	Density (Kg/m ³)	Indicative depth (mm)
3.2	2.0	180
4.0	2.3	210
4.5	2.5	230
5.0	2.9	250



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



This home has a concrete tile roof. GreenWool handles moisture well, condensation will dry out and the wool will retain it's thermal efficiency



Before and After Installation.: GreenWool comes in different depths and densities. We have all the options for whatever you want to achieve



GREEN SHEEP®
INSULATION & HOME COMFORT

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



GREENWOOLROLL-
FORM INSULATION



GREENSTUF
INSULATION



HOME VENTILATION
SYSTEMS



DVS/HRV/SMARTVENT
REPLACEMENT FILTERS



ENERGY SAVING
LED LIGHTING



GARAGE INSULATION
& MORE



HEAT PUMPS



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