

natural wool blend WALL INSULATION



Terra Lana wool blend insulation gives superior performance with wool's ability to 'breathe' making it a more efficient insulator. This means your home is warmer in winter and cooler in summer, healthier and more environmentally responsible.

APPLICATIONS

- Skillion & Truss Ceilings
- New and retrofit
- Residential and commercial buildings

COMPOSITION

The wool in Terra Lana natural wool blend insulation is a carefully selected mixture of clean, recycled fibre from textile mills and new sheep's wool. The wool is blended with polyester melt bond fibre and thermally bonded to form a dimensionally stable structure. It varies in colour from light to dark grey and can be supplied in slab or roll form.

INSTALLATION

Can be ripped and fitted using bare hands without cutting tools. If cross grain cuts are required, heavy scissors, blade, or shears will suffice. Does not require stapling.



NATURAL BENEFITS

The complex natural design of wool fibre has properties and advantages you won't find in synthetic insulations—offering real benefits to your home and environment.

BREATHES

The ability of wool to temporarily absorb atmospheric moisture helps warm cool spaces and cool hot spaces.

As humidity is regulated this helps prevent moisture buildup, reducing condensation and moulds.

HEALTHIER

being natural, our wool blend insulation is free of harmful substances and effects.

As well as helping create healthier air space, wool also absorbs close to 100% of exposed toxins such as formaldehyde, emitted from common building and furnishing materials.

SAFER

Non-irritant, non-allergenic, non-toxic and odourless. Contains no harmful substances. Requires no protective clothing or masks to install.

DURABLE

Maintains its loft with natural crimp and fibre texture and therefore will continue to entrap air for the lifetime of the dwelling.

NOISE BARRIER

Literally absorbs noise from both outside the building and within the premises. It's high Flow Resistance rating means it is suitable for specialised sound control in a wide range of applications.

ECO FRIENDLY

Made from sustainable, recycled, natural and degradable materials. Terra Lana is 100% recyclable.

SUPERIOR NATURAL WARMTH

SPECIFICATIONS

R VALUE	THICKNESS—mm	CODE	NOMINAL PACKAGING	M ² /BALE
WALL INSULATION FOR SERVICE CAVITY				
R1.2	45	12.45.570	2 x 5m x 570mm	5.70 m ²
WALL INSULATION FOR STUDS AT 600mm CENTRES				
R1.8	70	18.70.560	7 x 2.6m x 560mm	10.19 m ²
R2.2	90	22.90.560	6 x 2.6m x 560mm	8.74 m ²
R2.4	90	24.90.560	5 x 2.6m x 560mm	7.28 m ²
R2.8	140	28.140.560	6 x 2.6m x 560mm	8.74 m ²
R3.2	140	32.140.560	5 x 2.6m x 560mm	7.28 m ²
R3.6	140	36.140.560	4 x 2.6m x 560mm	5.82 m ²
WALL INSULATION FOR STUDS AT 400mm CENTRES				
R1.8	70	18.70.360	7 x 2.6m x 360mm	6.55 m ²
R2.2	90	22.90.360	6 x 2.6m x 360mm	5.62 m ²
R2.4	90	24.90.360	5 x 2.6m x 360mm	4.68 m ²
R2.8	140	28.140.360	6 x 2.6m x 360mm	5.62 m ²
R3.2	140	32.140.360	5 x 2.6m x 360mm	4.68 m ²
R3.6	140	36.140.360	4 x 2.6m x 360mm	3.74 m ²

DURABILITY

Terra Lana wool blend wall insulation has been BRANZ appraised to last for 50 years and comes with a 50 year warrantee.

INSECT RESISTANCE

Terra Lana wool insulation is manufactured from new wool, recycled wool and textile fibres that are treated for insect resistance.

SHELF LIFE

Terra Lana Wool Insulation is compression packed into polyethylene bags. The fibres will recover to design thickness after unpacking. However, the longer the compression, the longer the recovery. Terra Lana insulation should not be stored in compressed state for longer than 6 months.

BRANZ

Terra Lana wool blend insulation was developed and tested by the Wool Research Institute of New Zealand (WRONZ, now AgResearch) and is BRANZ appraised. Appraisal 682 : 2010



Terra Lana Products Ltd
 P: (03) 982 0211 // 0800 485 262 // info@terralana.co.nz
 55 Francella St, PO Box 19755, Christchurch, NZ
www.terralana.co.nz

WRAP YOUR HOME IN THE NATURAL WARMTH OF WOOL

