

natural wool blend ACOUSTIC INSULATION



Wool blend acoustic insulation gives outstanding noise reduction with wool's high density sound dampening qualities, while also being an exceptional thermal insulator. Your building is quieter, healthier and more environmentally responsible.

APPLICATIONS

- Inter tenancy walls and floors.
- Residential and commercial buildings.
- Absorber behind perforated ceiling systems.
- Internal walls between living areas and bedrooms, midfloor residential buildings.

COMPOSITION

Terra Lana acoustic insulation is a blend of new & recycled wool and polyester. The polyester helps bind the wool densely so that more insulating fibre is fit within narrow wall spaces.

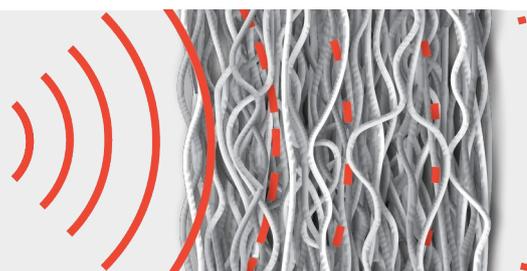
INSTALLATION

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, which offer real benefits and superior performance.



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.

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 fill voids as a noise barrier for the lifetime of the dwelling.

ECO FRIENDLY

Made from sustainable, recycled, natural and degradable materials. Recyclable.

SUPERIOR NATURAL PERFORMANCE

SPECIFICATIONS

R value	Thickness (mm)	Density	Code	Nominal Packaging	m ² / bale
ACOUSTIC WALL INSULATION for studs at 600mm centres					
R2.2	90	22kg/m ³	22.90.560	6 x 2.6m x 560mm	8.74 m ²
R3.2	140	18kg/m ³	32.140.560	5 x 2.6m x 560mm	7.28 m ²
ACOUSTIC MID FLOOR INSULATION for floor joists at 450mm centres					
R2.2	90	22kg/m ³	22.90.415	6 x 2.6m x 415mm	6.47 m ²
R3.2	140	18kg/m ³	32.140.415	5 x 2.6m x 415mm	5.40 m ²

DURABILITY

Terra Lana wool blend acoustic 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



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SUPERIOR PERFORMANCE ~ THE NATURAL CHOICE

