

natural wool insulation

Underfloor INSTALLATION GUIDE



Terra
Lana
Natural Wool Insulation

Safety First

- Ensure a clear working environment -eliminate potential hazards such as sharp objects and obstructions
- Identify all potential electrical hazards. Power cables must be identified to prevent staples piercing them during installation
- Ensure a safe working clearance under the floor. At least 40cm clearance is required below the bottom of any bearer
- Always ensure your RCD is plugged in.

Protective Clothing and Equipment

You will need:

- Overalls and safety goggles
- RCD isolating switch, extension lead and spotlight. Keep a spare bulb on hand
- A quality staple gun or hammer tacker, and 8-12mm staples.

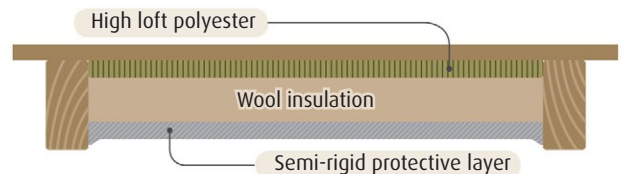
Product Description

Terra Lana Underfloor Laminate is a wool/polyester laminate specifically designed for the underfloor insulation of new and existing suspended floors

It is designed to completely fill the underfloor cavity with 3 carefully engineered performance layers:

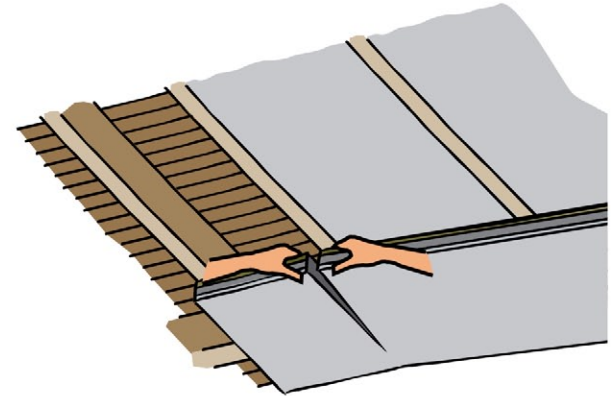
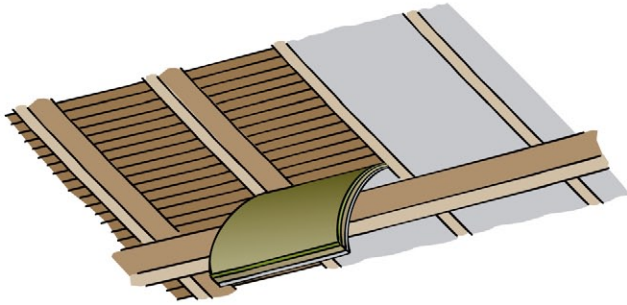
- A high loft polyester layer ensures a close fit to the underside of the floor, minimising air movement
- A bonded wool mid-layer provides thermal insulation and absorbs moisture vapour
- A hard, resistant polyester outer surface protects the insulating layers.

The 3 layers are permanently fused together through the thermal bonding process. This unique construction allows Terra Lana Underfloor Laminate to fully utilise the benefits of the individual components without compromise creating a high performance underfloor insulation.



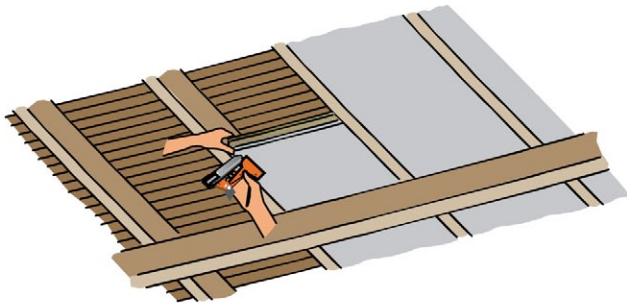
Procedure

- Distribute the bags of product to the areas to be covered. Leave them bagged
- Split the bags, or pull the Terra Lana from its outers. Run the Terra Lana in a continuous length between the floor joists and over the main bearers. Make sure the hard layer is towards the ground



(NB: the floor layer is much softer and is tinted green)

- Terra Lana is designed to friction fit most joist spacings. Push the Terra Lana lightly up to the bottom of the floorboards, while still retaining its loft. Pinch and staple as close as possible to the inside bottom edge or face of the floor joist



- Repeat this every 25 to 50cm, while keeping the Terra Lana firm and tensioned. Do not staple directly to the underside of the floor - this will compress Terra Lana and reduce its insulating properties

(NB: staples should only be fixed through the engineered polyester outer layer).

- Where the floor joist spacings vary, measure the gap by holding Terra Lana up to the joist and simply rip across the roll to size, push into place and staple. Repeat until the joist row is complete

(NB: 1m wide rolls can be supplied to make this process easier)

- Terra Lana Underfloor Laminate wraps easily around plumbing and will recover in the event of a flood
- On completion, remove all plastic bags and leftover material from the underfloor space
- Staple a Product Information and Identification Certificate adjacent to the underfloor access for future reference.

Terra Lana - naturally better.

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www.terralana.co.nz

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