



WALL INSULATION INSTALLATION GUIDE



SUPERIOR NATURAL PERFORMANCE

SAFETY FIRST

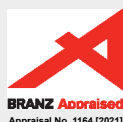
- Terra Lana Wool Insulation is non-irritant, non-toxic and is completely safe, requiring no protective clothing during installation.
- Ensure a clear work environment, eliminating potential hazards such as sharp objects and obstructions.
- Identify all potential electrical hazards.
- **Protective clothing is NOT required**, however if the site is dusty, a dust mask and safety glasses are recommended.

TOOLS AND EQUIPMENT

- A 20mm blade craft knife, such as Stanley or Tajima (for smaller projects).
- A Bahco (or similar) Insulation Saw and sharpener (purchase from local merchant or Terra Lana).
- [Terra Lana Insulation Clamp](#) (for hire in Chch only) – air compressor and a Bahco (or similar) Saw and sharpener required.
- For ongoing installation of insulation, a battery operated [Festool ISC 240](#) Insulation Saw, guide rail and angle stop can be purchased from Festool stockists – [see instructional video here](#). A Bahco (or similar) sharpener will also be required.

INSTALLING THE INSULATION

- Prior to installing, please check you have the correct product, including the correct width.
- Terra Lana insulation must be installed within three months of the manufacturing date on the packaging, to ensure full loft recovery. The products can take up to a further three months to reach nominal thickness after installation.
- Terra Lana insulation shall be installed in accordance with NZS 4246:2016 Energy Efficiency – Installing Insulation in Residential Buildings.
- Always ensure Terra Lana insulation shall be cut 5-10mm wider than the gap between the studs to ensure a tight friction fit. Terra Lana can be torn across the width by hand, however a cut with a knife or saw may be required on thicker, denser products to reduce the effort required when tearing. Tearing half the thickness first, followed by the full thickness, can also make the process easier.
- When cutting up the length of the bale or segment, we recommend the Festool Insulation Saw or the Bahco Insulation Saw. If the install is in the Christchurch area, a specialised cutting clamp from Terra Lana can be hired.
- Insulate the complete wall area, ensuring a friction fit finish with no gaps. Do not compress the product, unless this is a design specification, as this will reduce the thermal performance.
- If the walls have no dwangs/nogs, stapling the product to the top plate is recommended to give additional support. For areas with no lining on one side of the studs, such as void walls, stapling the product is recommended.
- When installing around plumbing pipes and electrical wires, make every effort to avoid gaps and holes in the continuous thermal envelope.
- Off-cuts and unused product can be returned to the Terra Lana factory. Please contact Terra Lana to arrange.



Declare.



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