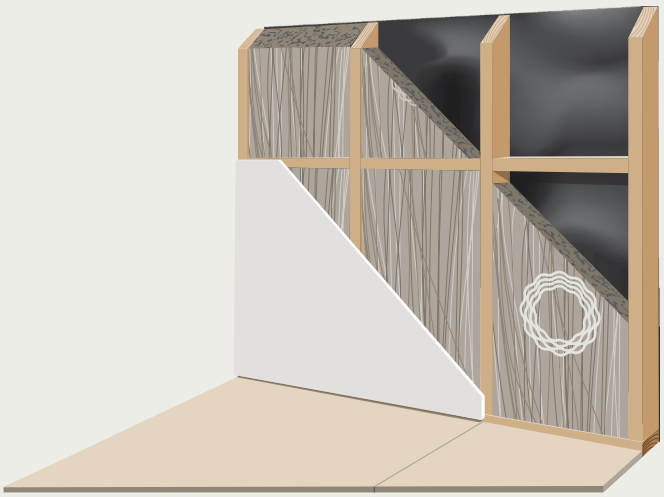
TERRA LANA WOOL WALL INSULATION

v. APR 2025

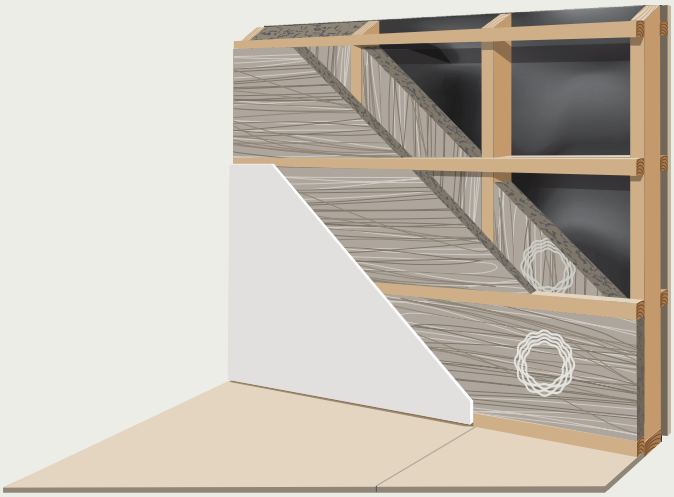
INSTALLING THE INSULATION

Terra Lana wool wall insulation is installed from inside, after external wall lining, after electrical, plumbing and ducting has been installed. Terra Lana can be gentle compressed or cut to accommodate services hardware.

- See **general instructions** for handling Terra Lana wool insulation (page 2 of this document).
- Insulation should be cut 5-10mm wider than the gap between the studs to ensure a tight friction fit.
- 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.



EXTERIOR WALL



WALL WITH SERVICY CAVITY

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BRANZ Appraised
Appraisal No.682 [2022]

WARRANTY 50+ YEARS

Red List Free

TERRA LANA

TERRA LANA WOOL INSULATION
GENERAL INSTALLATION INSTRUCTIONS

v. APR 2025

SAFETY FIRST

- Terra Lana Wool Insulation is non-irritant, non-toxic and is completely safe to handle, however a dust mask and safety glasses are recommended during installation.
- Ensure a clear work environment, eliminating potential hazards such as sharp objects and obstructions.
- Identify all potential electrical hazards.

TOOLS AND EQUIPMENT

- A Bahco (or similar) Insulation Saw and sharpener (available from Terra Lana or local building merchants).
- A custom cutting jig can be made on site, using ply with a slot and 140 x 45 timber on a hinge to compress the insulation. An insulation saw & sharpener are required – contact Terra Lana for more details.
- For ongoing installation of insulation, a battery operated Festool ISC 240 Insulation Saw, guide rail & angle stop can be purchased from Festool stockists – see instructional video here. A sharpener will also be required.
- Hammer Tacker or Electric Stapler.

INSTALLING THE INSULATION

- Prior to installing, please check you have the correct product, including the correct width.
- Do not compress the product, unless this is a design specification, as this will reduce the thermal performance. Ensure there are no gaps between segments.
- Terra Lana can be torn across the width by hand, however an insulation saw may be required on thicker, denser products. Tearing half the thickness first, followed by the full thickness, can also make the process easier.
- 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.
- Specific clearances are required around flues, chimneys, Non CA rated recessed lighting and exhaust fans—refer to regional Building Codes for further information.
- IC and IC-F rated downlights can be covered by Terra Lana insulation in accordance with regional Codes.
- Terra Lana insulation must be installed in accordance with regional Energy Efficiency Building Codes for installing insulation in Residential Buildings.

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