

WOOL BLEND INSULATION



CEILING & WALL INSTALLATION GUIDE



YOUR SUPERIOR NATURAL CHOICE

SAFETY FIRST

Terra Lana natural wool blend insulation can be safely installed without gloves or protective clothing.

Ensure 100mm clearance from metal flues or chimneys and undefined recessed luminaires in existing buildings.

Recessed luminaires shall be of type and be installed in accordance with Paragraph 7.4 of NZBC Acceptable Solutions C/AS1 to C/AS6 and NZBC Verification Method C/VM1.

Terra Lana insulation can safely be exposed continuously to temperatures up to 90°C.

GENERAL

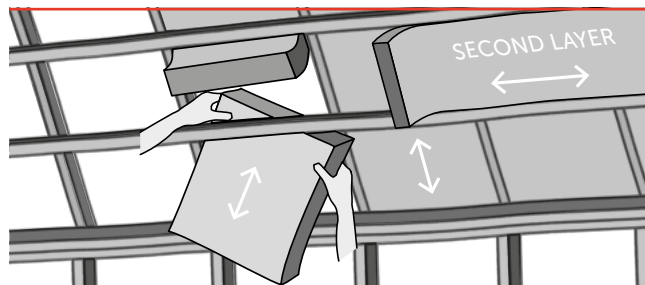
- Check label to ensure you have the right product for the job.
- For optimum performance, use within 6 months of the date of manufacture (see pack label).
- Always keep Terra Lana dry.
- Ensure a 25mm gap between Terra Lana and any building surface that is, or may become, damp.
- Don't compress Terra Lana. Optimal thermal performance depends on it reaching its design thickness, which can take up to 3 months. Shake before installation to speed this process.
- Rip to size across width. To cut lengthwise, use wool shears or a sharp blade with a straight edge over a timber surface.

NEW CEILINGS

- Terra Lana rolls are usually ideal; segments can also be used.
- Roll out the batting between the joists, ensuring an even, snug fit.
- If using segments ensure there are no gaps around the outer edges of the segments and no folds in the segments themselves. Where segments are butted together there should be no gaps between them.
- Always allow a 25mm gap between roofing membrane and insulation.
- If fitting from below, before the ceiling liner is installed, make sure Terra Lana is well supported with battens or strapping.
- Cover ALL the ceiling, reaching to at least the middle of the exterior wall top plate, and covering internal walls.

PITCHED OR SKILLION ROOFS

- Terra Lana is usually fitted from below before the ceiling is lined.
- Use pre-cut widths to ensure a snug fit.
- Where there are no battens or ceiling joists, staple Terra Lana directly to the rafters.
- Always allow a 25mm gap between Terra Lana and the roof underlay or roofing material.

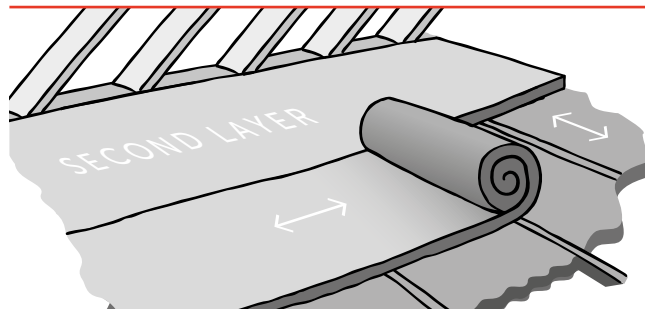


DOUBLE LAYER SKILLION SYSTEM

- This achieves higher thermal performance when compared to a single layer of the same nominal R-Value.
- Allow a 25mm gap between roofing membrane and insulation.
- Fit the first layer between rafters, ensuring there are no gaps.
- Fit the second layer perpendicular, between ceiling battens.

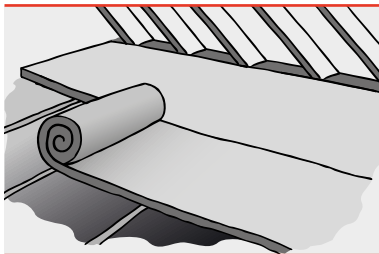
DOUBLE LAYER TRUSS SYSTEM

- This achieves higher thermal performance when compared to a single layer of the same nominal R-Value.
- Fit the first layer between joists or trusses.
- Lay second layer perpendicular to bottom layer covering tops of joists/trusses. Tear in from sides around truss webbing.
- If you must lay parallel to bottom layer, offset to cover joins.
- Install in conjunction with instructions for 'New Ceilings'.



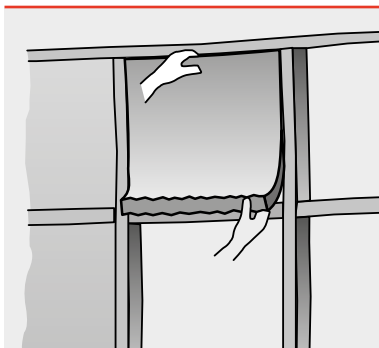
RETROFITTING EXISTING CEILINGS

- Terra Lana top-up products are designed to be installed over timber structures, perpendicular to the joists, rafters or trusses (check the product label to ensure you have the right product).
- Ensure existing insulation is level and dry. Refit displaced areas.
- Begin installing Terra Lana at the furthest point from your ceiling access.
- Use a pole to push Terra Lana into hard-to-reach corners, and over the exterior wall perimeter.
- Cover recessed areas with a piece of timber strong enough to stand on then insulate over the top of this.



WALL INSTALLATION

- Select the correct width product of Terra Lana rolls or segments for your wall structure (check product label).
- Fit segment or roll to the underside of the top plate or dwang.
- Tear the batting 5–10mm greater than the cavity size.
- Where dwangs are spaced more regularly than studs, rolls of product should be ordered to fit dwang spacing.
- Fill gaps around windows, doors, studs, etc with offcuts.
- Avoid any gaps, folds or tucking-in.



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