# TERRA LANA INSULATION – Simple Specification

## GENERAL

This section relates to **Terra Lana** wool and polyester fibre blend thermal and acoustic insulation. Terra Lana is the only hygroscopic insulation commonly used in New Zealand with class leading breathability and durability.

### **1.** MANUFACTURER/SUPPLIER DOCUMENTS

* Terra Lana Wool Insulation Brochure
* Terra Lana installation instructions supplied in every bale
* [BRANZ Appraisal 682](http://www.masterspec.co.nz/redirect.aspx?pl=372) - Terra Lana Wool Insulation

**2.** Manufacturer/supplier contact details

Company: **Terra Lana Products Ltd**

Web: [www.terralana.co.nz](http://www.terralana.co.nz)

Email: info@terralana.co.nz

Telephone: 0800 485 262 / (03) 982 0211

### **3.** WARRANTY - MANUFACTURER/SUPPLIER

Provide a material manufacturer/supplier warranty: 50 years

## SELECTIONS

### **4.** INSULATION FLOORS

4.1 Timber Framed Floors: Insulate floor with Terra Lana R1.8 (100mm) **OR, BETTER** Terra Lana R2.6 (140mm) wool insulation fixed tightly between timber framing members to completely cover the whole floor area strictly in accordance with NZS 4246.

### 4.2 Sound Control Insulation – Mid Floor: Insulate **STATE** **e.g.** the whole area of First Floor with Terra Lana Chatterblock (90mm – R2.2) wool insulation fixed tightly between the floor joists to completely cover the whole floor area

### **5.** INSULATION WALLS

5.1 Timber Framed Walls: Insulate **SELECT e.g.** all external timber framed walls, **SELECT** and internal walls between ROOM and ROOM, with **SELECT** Terra Lana R3.2 (140mm) wool insulation **OR SELECT** Terra Lana R2.4 (90mm) wool insulation **CONTINUE** fixed tightly between the timber framing members to completely cover the whole exterior wall surface of the building strictly in accordance with NZS 4246.

5.2 Strap and Lined Blockwork/Concrete Walls: Insulate **DESCRIBE e.g**. the whole interior face of all exterior blockwork walls and concrete walls with Terra Lana R1.2 (45mm) wool insulation strictly in accordance with NZS 4246.

### **6.** INSULATION SOUND CONTROL

Sound Control Insulation – Wall: Insulate **DESCRIBE e.g** the whole area of all interior walls with Terra Lana Chatterblock (90mm – R2.2) wool insulation fixed tightly between framing members strictly in accordance with NZS 4246.

### **7.** INSULATION ROOFS AND CEILINGS

7.1 Truss Roofs and Ceilings: Insulate all external timber framed roof and/or ceiling areas unless otherwise noted with **SELECT** Terra Lana R3.8 (105mm + 105mm) double layer wool insulation **OR BETTER** Terra Lana R5.2 (145mm + 145mm) double layer wool insulation **OR FOR LOW ROOF PITCH** Terra Lana R4.0 (180mm) wool insulation fixed tightly between framing members strictly in accordance with NZS 4246 and manufacturer’s installation instructions.

7.2 Skillion Roof: Insulate all skillion roof areas with **SELECT** Terra Lana R3.2 (140mm) wool insulation **OR BETTER** Terra Lana R4.0 (180mm) wool insulation fixed tightly between framing members to completely cover skillion roof area strictly in accordance with NZS 4246 and manufacturer’s installation instructions.