

LANALAY™ WOOL UNDERLAY

Product Data Sheet

Manufactured by Wool Technologies Ltd, Christchurch, New Zealand

Product Overview

Lanalay™ is a premium underlay made from 100% New Zealand strong-wool. Crafted in Christchurch by Wool Technologies Ltd, it delivers superior comfort, insulation, and sustainability - a natural, high-performance alternative to synthetic and rubber underlays for luxury residential and commercial interiors.

Technical Specifications

Property	Specification	Notes
Width	1.83 m	Standard roll width
Length	10 m	18.3 m ² coverage per roll
Thickness	11 mm	Consistent felt density
Thermal Resistance (TOG)	3.65	≈100% higher than the best-performing rubber underlay, and ≈50% higher than the best-performing foam underlay (ref. independent CIAL test data 1993)
Composition	100% natural NZ strong-wool	Renewable, biodegradable, not recycled
Treatments	Insecticide treated	Enhanced durability
Fire Behaviour	Naturally fire resistant	Demonstrates low flame spread and smoke index under AS/NZS 1530 Part 3
Acoustic Performance	Delivers measurable improvement in sound insulation	Data available on request

Performance & Benefits

- Exceptional softness and resilience underfoot
- Superior thermal and acoustic insulation
- Non-toxic and naturally odour-absorbing
- Made from renewable, New Zealand strong-wool
- Fully recyclable at end of life
- Ethically sourced, traceable from grower to manufacture and sustainably produced
- Supplied as double-bagged rolls for protection during transport and storage

Installation & Care

- Cut using standard snap off blade knife
- Installation as per 'Best Practice Guidelines - Carpet Floorcoverings Planning & Installation - 5.3'. Use 48mm paper tape on all joins. On concrete floors recommendation is to spray contact adhesive around perimeter of sub floor and under all joins to secure for handling of carpet.
- Dispose of packaging responsibly.

Testing & Compliance

- Thermal and acoustic test certificates available on request.
- Tested to, and compliant with, the performance criteria of New Zealand and Australian carpet underlay standards (AS4288, ISO9073-3, AS4111.1, AS4111.14, AS4111.2, ASTM C518-2021)