

TERRA LANA WOOL INSULATION PRODUCT DATA

Product Table

Benefits

Skillion Ceiling

Truss Ceiling

Timber I-Beam Fillet

Exterior Wall

Service Cavity

Drop In Floor

Underfloor

Chatterblock Acoustic



TERRA LANA

PRODUCT TABLE TERRA LANA WOOL INSULATION

All products are available in customised widths, lengths and R-values for orders over 50m²

VJAN2026

R-VALUE	THICKNESS	CENTRES	GSM	DENSITY	λ-VALUE	BALE	M2	CODE	BRANZ
CEILING SERVICE CAVITY									
R0.9	35mm	600mm	1000 gsm	28.6 kg/m ³	0.0389 W/m ² K	2 x 6m x 570mm	6.84 m ²	09.35.570	
R1.2	45mm	600mm	1200 gsm	26.7 kg/m ³	0.0375 W/m ² K	2 x 5m x 570mm	5.70 m ²	12.45.570	*
R2.4	90mm	600mm	2600 gsm	28.9 kg/m ³	0.0375 W/m ² K	10 x 1.2m x 560mm	6.72 m ²	24.90.560	*
SKILLION ROOF – Can also be used in Truss roof									
R3.6	140mm	600mm	3700 gsm	26.4 kg/m ³	0.0389 W/m ² K	8 x 1.2m x 560mm	5.38 m ²	36.140.560	*
R5.0	190mm	600mm	5700 gsm	30.0 kg/m ³	0.0380 W/m ² K	5 x 1.2m x 570mm	3.42 m ²	50.190.570	
R6.4	240mm	600mm	7400 gsm	30.8 kg/m ³	0.0375 W/m ² K	4 x 1.2m x 570mm	2.74 m ²	64.240.570	*
R7.2	290mm	600mm	6800 gsm	23.4 kg/m ³	0.0403 W/m ² K	4 x 1.2m x 570mm	2.74 m ²	72.290.570	
TIMBER I-BEAM RAFTER 'FILLET' – Custom fillets available for all hyJOIST and Lumberworx I-Beams – see our website									
R0.9	35mm	200mm hyJOIST	1000 gsm	28.6 kg/m ³	0.0389 W/m ² K	8 x 6m x 120mm	48 lm/bale	09.35.120F	
R0.9	35mm	240mm hyJOIST	1000 gsm	28.6 kg/m ³	0.0389 W/m ² K	7 x 6m x 160mm	42 lm/bale	09.35.160F	
TRUSS ROOF									
R3.6	180mm	900mm	2600 gsm	14.4 kg/m ³	0.0500 W/m ² K	10 x 1.2m x 435mm	5.22 m ²	36.180.435	*
R4.0	190mm	900mm	3000 gsm	15.8 kg/m ³	0.0475 W/m ² K	10 x 1.2m x 435mm	5.22 m ²	40.190.435	
TRUSS ROOF DOUBLE LAYER									
R5.2 (R2.6 + R2.6)	290 mm	900mm	3420 gsm	11.8 kg/m ³	0.0558 W/m ² K	12 x 1.2m x 435mm	3.13 m ²	26.145.435	
R6.4 (R3.2 + R3.2)	330 mm	900mm	4400 gsm	13.3 kg/m ³	0.0516 W/m ² K	10 x 1.2m x 435mm	2.61 m ²	32.165.435	
R7.2 (R3.6 + R3.6)	360mm	900mm	5200 gsm	14.4 kg/m ³	0.0500 W/m ² K	10 x 1.2m x 435mm	2.61 m ²	36.180.435	*
R8.0 (R4.0 + R4.0)	380mm	900mm	6000 gsm	15.8 kg/m ³	0.0475 W/m ² K	10 x 1.2m x 435mm	2.61 m ²	40.190.435	
WALL SERVICE CAVITY									
R1.2	45mm	600mm	1200 gsm	26.7 kg/m ³	0.0375 W/m ² K	2 x 5m x 570mm	5.70 m ²	12.45.570	*
90mm WALL									
R2.4	90mm	400mm	2600 gsm	28.9 kg/m ³	0.0375 W/m ² K	10 x 1.2m x 360mm	4.32 m ²	24.90.360	*
R2.4	90mm	600mm	2600 gsm	28.9 kg/m ³	0.0375 W/m ² K	10 x 1.2m x 560mm	6.72 m ²	24.90.560	*
140mm WALL									
R3.2	140mm	400mm	2600 gsm	18.6 kg/m ³	0.0438 W/m ² K	10 x 1.2m x 360mm	4.32 m ²	32.140.360	
R3.2	140mm	600mm	2600 gsm	18.6 kg/m ³	0.0438 W/m ² K	10 x 1.2m x 560mm	6.72 m ²	32.140.560	
R3.6	140mm	400mm	3700 gsm	26.4 kg/m ³	0.0389 W/m ² K	10 x 1.2m x 360mm	4.32 m ²	36.140.360	*
R3.6	140mm	600mm	3700 gsm	26.4 kg/m ³	0.0389 W/m ² K	8 x 1.2m x 560mm	5.38 m ²	36.140.560	*
CHATTERBLOCK ACOUSTIC – For internal walls and midfloor									
R1.4	60mm	600mm	2800 gsm	46.7 kg/m ³	0.0430 W/m ² K	12 x 1.2m x 560mm	8.06 m ²	CB.60.560	
R2.2	90mm	600mm	1960 gsm	21.8 kg/m ³	0.0640 W/m ² K	12 x 1.2m x 560mm	8.06 m ²	CB.90.560	
R3.2	140mm	600mm	2550 gsm	18.2 kg/m ³	0.0438 W/m ² K	10 x 1.2m x 560mm	6.72 m ²	CB.140.560	
RETRO-FIT UNDERFLOOR – Stapled in from underneath									
R2.0	115mm	450mm	1200 gsm	10.4 kg/m ³	0.0575 W/m ² K	2 x 5.6m x 480mm	5.38 m ²	20.115.480	
NEW BUILD DROP-IN UNDERFLOOR – Install from above with proprietry fastening system, prior to sheet flooring									
R2.7	110mm	400mm	3300 gsm	30.0 kg/m ³	0.0407 W/m ² K	8 x 1.2m x 360mm	3.50 m ²	DIF.110.360	*
R3.2	140mm	400mm	3500 gsm	25.0 kg/m ³	0.0438 W/m ² K	8 x 1.2m x 360mm	3.50 m ²	DIF.140.360	
R3.2	140mm	450mm	3500 gsm	25.0 kg/m ³	0.0438 W/m ² K	8 x 1.2m x 410mm	3.50 m ²	DIF.140.410	

* BRANZ Appraised. Other Terra Lana insulation R-Values follow only by extrapolation.

- Products must be removed from packaging within 3 months to ensure full loft recovery
- Orders of 4 bales or less are subject to additional freight charges.
- Prices are FIS excluding GST; site delivery not included unless otherwise stated.
- Allow up to 2-3 weeks from order to delivery. Minimum order quantities may apply.

Returns Policy: Returned products must be returned to our Christchurch Factory in original unopened packaging, within 1 month of the purchase date; The customer is responsible for the freight on all returns; Custom made products are non-refundable; a 20% restocking fee is charged against the gross value of the returned products less freight (ex factory cost).



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TERRA LANA

BENEFITS OF TERRA LANA WOOL INSULATION

HEALTHIER FOR PEOPLE, BETTER FOR THE PLANET



IN-SERVICE PERFORMANCE

Terra Lana wool insulation is hygroscopic, enabling it to absorb and release water vapour. This natural phenomenon, unique to wool, distinguishes it from synthetic insulation. Insulation R-values are typically tested in dry laboratory environments and don't model the moisture present in real-world conditions. The unique properties of wool insulation mean it excels in managing moisture while maintaining its thermal performance. This crucial benefit helps reduce the risk of moisture buildup within the structure of buildings.



NATURAL & LOCALLY MADE

We source all the wool we can get from Banks Peninsula Farms, a collective of family-owned farms located less than an hour's drive from our factories—where we turn it into Terra Lana. This reduces transport emissions, enhances fibre quality control & traceability, and brings positive economic impact to the local community. By partnering with nearby suppliers, using industry waste wool, and manufacturing inhouse, Terra Lana promotes environmental and economic sustainability.



PRODUCT STEWARDSHIP

Terra Lana considers environmental impacts at each stage of the product life cycle. By offering custom manufacturing, we help architects design out construction waste and reduce on-site installation times. Any site offcuts can be recycled back into our production line to make new insulation. This makes Terra Lana insulation an excellent choice for Green Star and Homestar-rated projects, where product circularity, energy efficiency and waste reduction are key.



HEALTHY & SAFE

Terra Lana insulation can be handled without protective clothing and will not cause skin or respiratory irritation. Our products have a Declare label and are Red List Free, providing assurance that Terra Lana is a healthier option for builders, installers and the occupants of the building.



QUALITY & DURABILITY GUARANTEED

Our wool insulation comes with a 50-year warranty to meet the durability requirements of the New Zealand Building Code. The combination of New Zealand wool and thermal bonding technology creates a robust, structurally stable product that will not slump nor lose its loft over the lifetime of the building.



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SKILLION CEILING WOOL INSULATION

PRODUCT DATA

The benefits of Terra Lana wool's superior performance designed for Skillion ceilings

DESCRIPTION

Terra Lana harnesses all the benefits of wool's unique insulative qualities combined with innovative design for a truly high-performance skillion roof insulation.

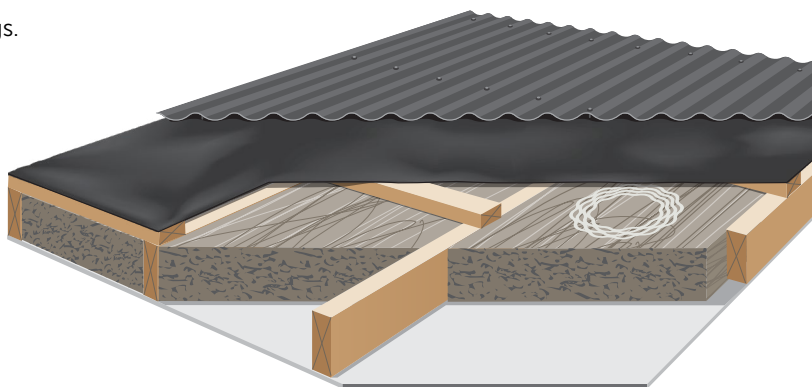
We use natural and recycled materials and manufacture locally to modern sustainability standards.

APPLICATIONS

- Skillion roof
(Truss roof or external walls where applicable)
- New and retrofit
- Residential buildings
- Commercial buildings.

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- 100% recyclable (by Terra Lana)
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Manages moisture, maintaining thermal performance
- Excellent acoustic barrier qualities.



SPECIFICATIONS

COMPLIANCE

* BRANZ APPRAISED
Appraisal 682 [2022]
(Other R-Values by extrapolation)

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled
PET, 20% PET (thermal binder)

SPEC ASSIST

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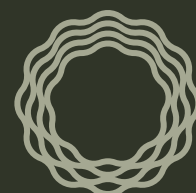
Contact: spec@terralana.co.nz

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M ² PER BALE	CODE	BRANZ
CEILING SERVICE CAVITY INSULATION						
R0.9	35mm	600mm	2 x 6m x 570mm	6.84 m ²	09.35.570	
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m ²	12.45.570	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m ²	24.90.560	*
SKILLION ROOF INSULATION						
R3.6	140mm	600mm	8 x 1.2m x 560mm	5.38 m ²	36.140.560	*
R5.0	190mm	600mm	5 x 1.2m x 570mm	3.42 m ²	50.190.570	
R6.4	240mm	600mm	4 x 1.2m x 570mm	2.74 m ²	64.240.570	*
R7.2	290mm	600mm	4 x 1.2m x 570mm	2.74 m ²	72.290.570	*



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TRUSS ROOF WOOL INSULATION

PRODUCT DATA

The benefits of Terra Lana wool's superior performance designed for Truss roof ceilings

DESCRIPTION

Terra Lana harnesses all the benefits of wool's unique insulative qualities combined with innovative design for a truly high-performance truss roof insulation. We use natural and recycled materials and manufacture locally to modern sustainability standards.

APPLICATIONS

- Truss roof (Skillion roof or external walls where applicable)
- New and retrofit
- Residential buildings
- Commercial buildings

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- 100% recyclable (by Terra Lana)
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Manages moisture, maintaining thermal performance
- Excellent acoustic barrier qualities.



SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M² PER BALE	CODE	BRANZ
CEILING SERVICE CAVITY INSULATION						
R0.9	35mm	600mm	2 x 6m x 570mm	6.84 m²	09.35.570	
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m²	12.45.570	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m²	24.90.560	*
TRUSS ROOF INSULATION						
R3.6	180mm	900mm	10 x 1.2m x 435mm	5.22 m²	36.180.435	*
R4.0	190mm	900mm	10 x 1.2m x 435mm	5.22 m²	40.190.435	
TRUSS ROOF DOUBLE LAYER INSULATION						
R5.2 (R2.6 + R2.6)	290mm	900mm	12 x 1.2m x 435mm	3.13 m²	26.145.435	
R6.4 (R3.2 + R3.2)	330mm	900mm	10 x 1.2m x 435mm	2.61 m²	32.165.435	
R7.2 (R3.6 + R3.6)	360mm	900mm	10 x 1.2m x 435mm	2.61 m²	36.180.435	*
R8.0 (R4.0 + R4.0)	380mm	900mm	10 x 1.2m x 435mm	2.61 m²	40.190.435	

COMPLIANCE

* BRANZ APPRAISED
Appraisal 682 [2022]
(Other R-Values by extrapolation)

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled PET, 20% PET (thermal binder)

SPEC ASSIST

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TERRA LANA

TIMBER I-BEAM FILLET WOOL INSULATION

PRODUCT DATA

The natural benefits of Terra Lana wool for optimal insulation of timber I-Beam systems

DESCRIPTION

Timber I-Beams are often specified over standard solid timber framing to reduce thermal bridging and increase span capacity.

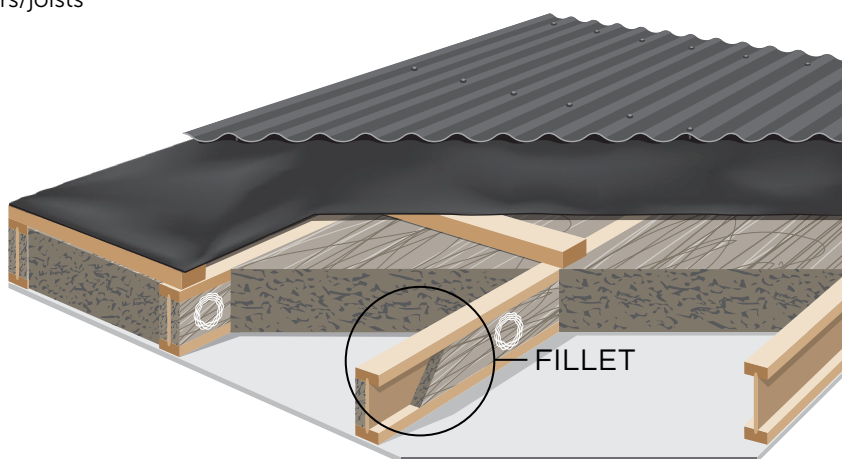
I-Beam's create voids that are difficult to insulate using standard insulation products. Terra Lana timber I-Beam fillets friction-fit within the voids to ensure maximum thermal performance.

APPLICATIONS

- hyJOIST rafters/joists
- Lumberworx rafters/joists

FEATURES

- The only specific solution available for timber I-Beams
- Maximises thermal performance of timber I-Beams
- Custom made to fit all timber I-Beam sizes
- Easy to install, manufactured to friction fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- 100% recyclable (by Terra Lana)



Note
When specifying vapour control layers, such as Pro Clima Intello, directly beneath rafters, consider spacing rafters at 600mm centres max. This will ensure the insulation can friction fit and be stapled to the edge of the rafter, without applying excessive pressure on the vapour control layer, or falling out of the cavity.

SPECIFICATIONS

Manufacturer	I-Beam Size	Fillet Size
hyJOIST	200mm	120mm
hyJOIST	240mm	160mm
hyJOIST*	300mm	220mm
Lumberworx*	200mm	140mm
Lumberworx*	240mm	180mm
Lumberworx*	300mm	240mm

COMPLIANCE

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled PET, 20% PET (thermal binder)

SPEC ASSIST

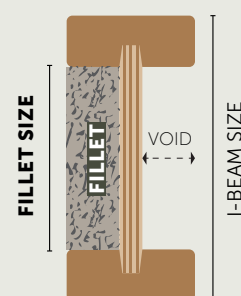
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R-VALUE	BATTEN	JOIST SIZE	SIZE IN BALE	M² PER BALE	CODE
R0.9	35mm	200mm hyJOIST	8 x 6m x 120mm	48 lm/bale	09.35.120F
R0.9	35mm	240mm hyJOIST	7 x 6m x 160mm	42 lm/bale	09.35.160F

* Other product fillets made to order—specify by fillet size, as per table above



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EXTERIOR WALL WOOL INSULATION

PRODUCT DATA

The natural benefits of Terra Lana Wool designed for optimal exterior wall insulation

DESCRIPTION

Terra Lana Wool Wall Insulation is designed with rigidity to friction fit within exterior wall cavities and not slump or degrade over the life of the building.

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- 100% recyclable (by Terra Lana)
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Manages moisture, maintaining thermal performance
- Excellent acoustic barrier qualities.

APPLICATIONS

- External stud walls (& ceilings where applicable)
- New and retrofit
- Residential and commercial buildings

COMPLIANCE

* BRANZ APPRAISED
Appraisal 682 [2022]
(Other R-Values by extrapolation)

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

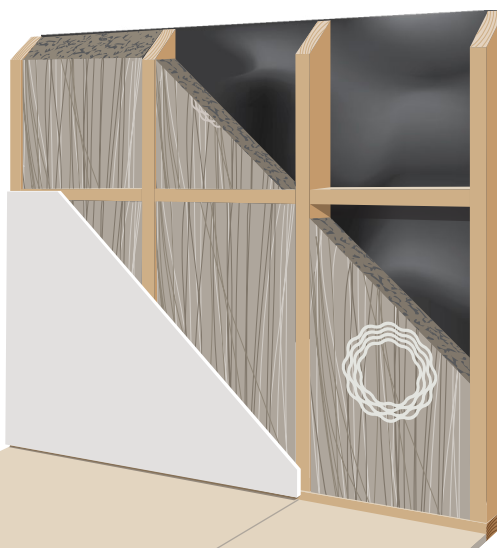
QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled
PET, 20% PET (thermal binder)

SPEC ASSIST

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SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M ² PER BALE	CODE	BRANZ
WALL SERVICE CAVITY						
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m ²	12.45.570	
90MM WALL						
R2.4	90mm	400mm	10 x 1.2m x 360mm	4.32 m ²	24.90.360	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m ²	24.90.560	*
140MM WALL						
R3.2	140mm	400mm	10 x 1.2m x 360mm	4.32 m ²	32.140.360	
R3.2	140mm	600mm	10 x 1.2m x 560mm	6.72 m ²	32.140.560	
R3.6	140mm	400mm	10 x 1.2m x 360mm	4.32 m ²	36.140.360	*
R3.6	140mm	600mm	8 x 1.2m x 560mm	5.38 m ²	36.140.560	*



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SERVICE CAVITY WOOL INSULATION

PRODUCT DATA

The natural benefits of Terra Lana Wool Insulation designed to fill service cavities

DESCRIPTION

Terra Lana service cavity insulation is designed to fill service cavity spaces adding R-Value to the thermal envelope, while still allowing the passage of wiring and plumbing services.

APPLICATIONS

- All ceiling and wall service cavities
- New and retrofit
- Residential and commercial buildings

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Excellent acoustic barrier qualities

COMPLIANCE

* BRANZ APPRAISED
Appraisal 682 [2022]
(Other R-Values by extrapolation)

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled PET, 20% PET (thermal binder)

SPEC ASSIST

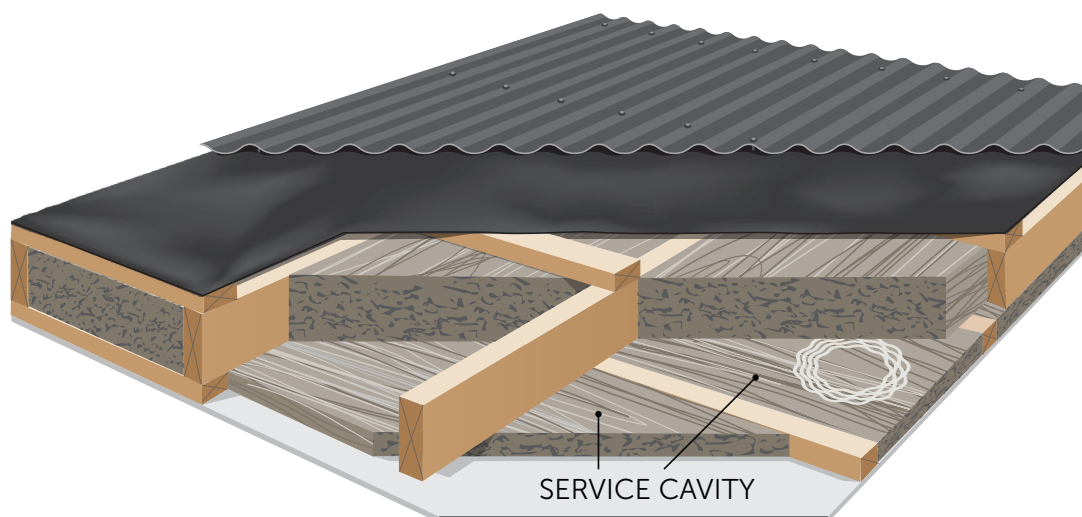
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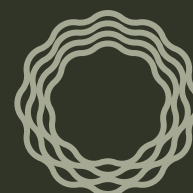
SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M ² PER BALE	CODE	BRANZ
CEILING SERVICE CAVITY INSULATION						
R0.9	35mm	600mm	2 x 6m x 570mm	6.84 m ²	09.35.570	
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m ²	12.45.570	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m ²	24.90.560	*
WALL SERVICE CAVITY INSULATION						
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m ²	12.45.570	*



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TERRALANA

NEW BUILD DROP IN FLOOR WOOL INSULATION

PRODUCT DATA

The natural benefits of Terra Lana Wool insulation designed for new suspended floors

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Proprietary installation system
- Excellent acoustic barrier qualities

APPLICATIONS

- New lined & unlined timber suspended floors
- Retrofit, installed from above
- Non-enclosed or enclosed perimeter foundation floors
- Residential and commercial buildings

DESCRIPTION

Designed to be **installed from above prior to sheet flooring**, Drop In Floor insulation is held by friction fit and Terra Lana's proprietary cradle-strap fastening system.

Terra Lana Drop In Floor Insulation is dense, semi-rigid and highly resistant to slumping, creating a wind-proof layer that fills the underfloor voids leaving no gaps.

The wool component provides optimal thermal insulation, while also transmitting moisture away from the building and remaining effective even in damp underfloor conditions.

Terra Lana is locally manufactured from predominantly natural and recycled materials and is safe and easy to handle, providing an overall product solution to meet modern environmental compliance demands.

COMPLIANCE

* BRANZ APPRAISED
Appraisal 682 [2022]
(Other R-Values by extrapolation)

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled PET, 20% PET (thermal binder)

SPEC ASSIST

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Design Navigator

H1 Reports & spec writing

Contact: spec@terralana.co.nz



SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M² PER BALE	CODE	BRANZ
NEW BUILD DROP IN UNDERFLOOR – Install from above with propriety fastening system, prior to sheet flooring						
R2.7	110mm	400mm	8 x 1.2m x 360mm	3.50 m²	DIF.110.360	*
R3.2	140mm	400mm	8 x 1.2m x 360mm	3.50 m²	DIF.140.360	



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TERRA LANA

RETROFIT UNDERFLOOR WOOL INSULATION

PRODUCT DATA

The superior natural benefits of Terra Lana Wool insulation designed for underfloors

DESCRIPTION

Designed to fill existing underfloor cavities with a durable, semi-rigid, high performance wool composition that is easy to install. The rigid structure prevents sagging, air movement and heat loss through gaps. The wool component transmits moisture vapour away from the building and maintains effectiveness in humid or damp conditions.

APPLICATIONS

- Suspended floors, installed from the underside where there is a minimum 350mm clearance between the bearer and ground.
- Retrofit under existing floors only
- Residential and commercial buildings

FEATURES

- Designed to not slump or lose loft
- Superior insulative performance
- 100% recyclable (by Terra Lana)
- Easy to install, manufactured to fit
- Environmentally responsible product
- Naturally safe to handle & healthy in homes
- Manages moisture, maintaining thermal performance
- Excellent acoustic barrier qualities

COMPLIANCE

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

EPD (mid-2025 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

≥60% NZ Wool, 20% Recycled PET, 20% PET (thermal binder)

SPEC ASSIST

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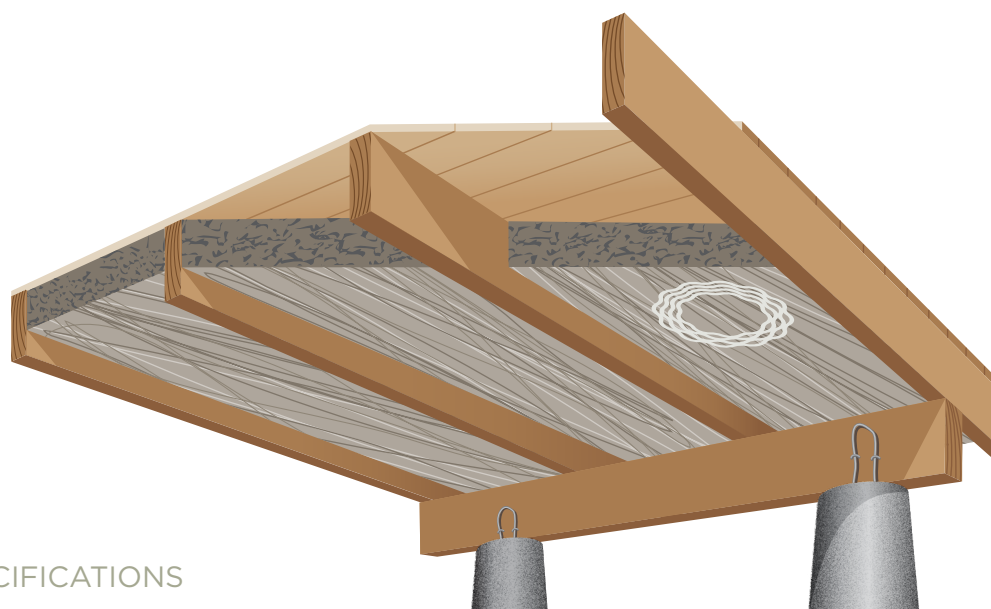
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Contact: spec@terralana.co.nz

SPECIFICATIONS

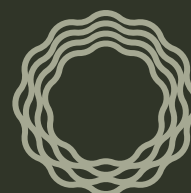


R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M ² PER BALE	CODE
R2.0	115mm	450mm	2 x 5.6m x 480mm	5.38 m ²	20.115.480



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0800 485 262
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TERRALANA

TERRA LANA

CHATTERBLOCK® WOOL ACOUSTIC BLANKET

COMMERCIAL
RESIDENTIAL

The benefits of Terra Lana wool's unique natural qualities, designed to block out noise

APPLICATIONS

- COMMERCIAL & RESIDENTIAL
- IT walls, ceilings, & floors
- Internal walls
- Timber and steel frame
- Acoustic baffle
- Ceiling tile overlay

PROJECT TYPE EXAMPLES

- Aged care
- Education
- Healthcare
- Office fitouts

FEATURES

- 100% recyclable
- NZ wool
- Made from 50% minimum recycled insulation
- Easy to cut and install
- Manufactured to fit framing centres
- Safe to handle
- Not affected by moisture
- Natural acoustic properties
- Non-Toxic, Non-Allergenic & Non-Irritant
- Absorbs VOC from building materials
- Resistant to vermin and insects
- Declare Certified—Red List Free
- Eco Choice certified.

DESCRIPTION

Terra Lana CHATTERBLOCK® Wool Acoustic Insulation is the only NZ range of wool-based acoustic insulation products.

Designed specifically as infill for applications within steel or timber stud partitions, walls, and over ceiling systems.

Starting at a density of 10kg/m³ to provide a large range of cost-effective solutions for reducing sound transmission between walls and floors, creating a highly effective sound absorption layer within specific required sound systems.

Available in segments and roll blankets in standard sizes, as well as customised sizings for correct product geometry to reduce install times and offcut waste.

All CHATTERBLOCK® products provide both acoustic & thermal insulative comfort to commercial and residential spaces.

COMPLIANCE

DECLARE RED LIST FREE
Certified toxin free

GREENGUARD
Indoor air quality approved

HOMESTAR/GREENSTAR
Credits available

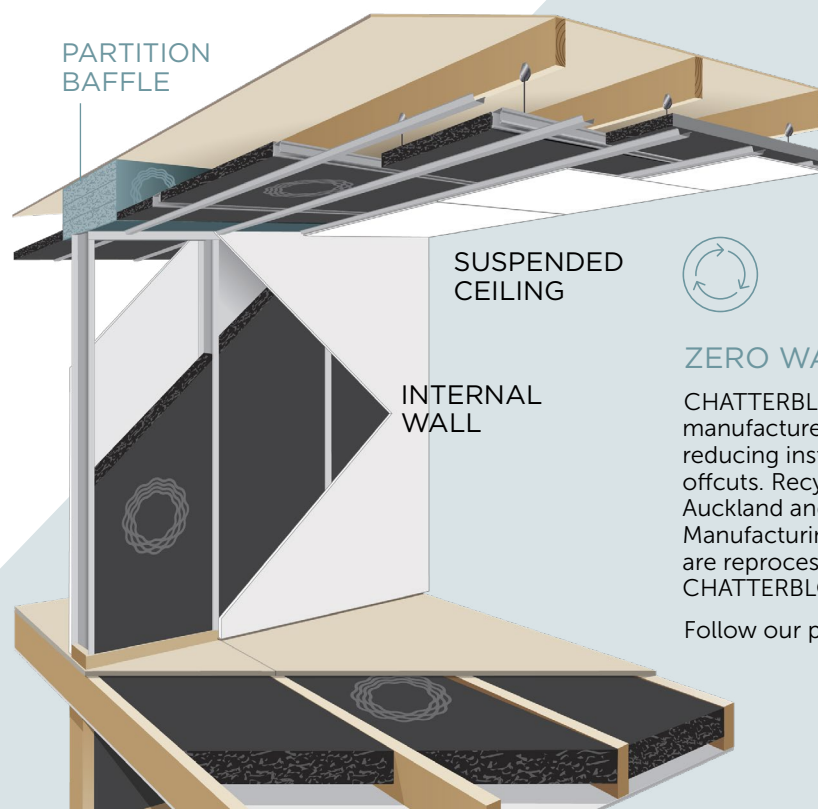
QUALITY ASSURANCE
50 year warranty

GIB inclusion letter – Fire and
Acoustic STC Solutions

Masterspec and Smartspec
inclusion

COMPOSITION

≥ 50% recycled wool insulation,
blended with polyester thermal
binding fibre for enhanced
structural integrity.



ZERO WASTE

CHATTERBLOCK® is manufactured to fit site framing, reducing installation time and offcuts. Recycle any offcuts in Auckland and Christchurch. Manufacturing trimmings are reprocessed into more CHATTERBLOCK®.

Follow our process [here](#).



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PRODUCT TABLE

CHATTERBLOCK® WOOL ACOUSTIC INSULATION

Designed for **commercial** and **residential** applications to effectively reduce inter-spacial noise transmission for partition walls, IT walls, ceilings and floors. CHATTERBLOCK® is available in standard dimensions in the below table and as custom widths and lengths when required. Minimum quantity for custom orders – 100m²

Residential Standard

PRODUCT	THICKNESS mm	TIMBER WIDTH mm	STEEL WIDTH mm	GSM	DENSITY kg/m ³	R-VALUE
WALL & CEILING & FLOOR						
CB501	50	580	600	735	14.7	-
CB601	60	580	600	750	14.7	-
CB602 IT	60	560	600	2820	46.7	R1.4
CB701	70	580	600	900	14.7	-
CB901 IT	90	580	600	1100	12.2	R1.8
CB902 IT	90	580	600	1325	14.7	-
CB903 IT	90	560	600	1960	21.8	R2.2
CB904	90	560	600	2600	28.9	R2.4
CB1401	140	580	600	2060	14.7	-
CB1402	140	560	600	2550	18.2	R3.2
CB1403	140	560	600	3700	26.4	R3.6
BAFFLE						
CB101	100	600	600	1000	10.0	low density
CB1402	140	600	600	2550	18.2	high density
SUSPENDED CEILING TILE OVERLAY						
PRODUCT	THICKNESS mm	LENGTH mm	WIDTH mm	GSM	DENSITY kg/m ³	R-VALUE
CBC60	60	1200	600	2820	46.7	R1.4
CBC90	90	1200	600	1960	21.8	R2.2
CBC140	140	1200	600	2550	18.2	R3.2

IT = products most often specified within IT walls requiring STC system ratings.
Marshall Day Acoustic Testing Reports available on request.



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