TERRA LANA WOOL INSULATION PRODUCT DATA

version APR2026.2



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 60m²

vAPR2026-2

	R-VALUE	THICKNESS mm	CENTRES mm	GSM	DENSITY kg/m³	λ-VALUE W/m²K	BALE CONTAINS	BALE M²	CODE	BRANZ
	CEILING SERVICE CAVITY									
	R0.9	35	600	1000	28.6	0.0389	2 x 6m x 570mm	6.84	09.35.570	
	R1.2	45	600	1200	26.7	0.0375	2 x 5m x 570mm	5.70	12.45.570	*
	R2.4	90	600	2600	28.9	0.0375	10 x 1.2m x 560mm	6.72	24.90.560	*
	SKILLION CEILING – Can also be used in truss ceiling									
	R3.6	140	600	3700	26.4	0.0389	8 x 1.2m x 560mm	5.38	36.140.560	*
	R5.0	190	600	5700	30.0	0.0380	5 x 1.2m x 570mm	3.42	50.190.570	
	R6.4	240	600	7400	30.8	0.0375	4 x 1.2m x 570mm	2.74	64.240.570	*
	R7.2	290	600	6800	23.4	0.0403	4 x 1.2m x 570mm	2.74	72.290.570	
	TIMBER I-BEAM RAFTER 'FILLET' – Custom fillets available for all hyJOIST and Lumberworx I-Beams – see our website									
	R0.9	35	200 hyJOIST	1000	28.6	0.0389	8 x 6m x 120mm	48 lm/bale	09.35.120F	
	R0.9	35	240 hyJOIST	1000	28.6	0.0389	7 x 6m x 160mm	42 lm/bale	09.35.160F	
	TRUSS CEILING									
	R3.6	180	900	2600	14.4	0.0500	10 x 1.2m x 435mm	5.22	36.180.435	*
	R4.0	190	900	3000	15.8	0.0475	10 x 1.2m x 435mm	5.22	40.190.435	
	TRUSS CEILING DOUBLE LAYER									
	R5.2 (R2.6 + R2.6)	290	900	3420	11.8	0.0558	12 x 1.2m x 435mm	3.13	26.145.435	
	R6.4 (R3.2 + R3.2)	330	900	4400	13.3	0.0516	10 x 1.2m x 435mm	2.61	32.165.435	
	R7.2 (R3.6 + R3.6)	360	900	5200	14.4	0.0500	10 x 1.2m x 435mm	2.61	36.180.435	*
	R8.0 (R4.0 + R4.0)	380	900	6000	15.8	0.0475	10 x 1.2m x 435mm	2.61	40.190.435	
	WALL SERVICE CAVITY									
	R1.2	45	600	1200	26.7	0.0375	2 x 5m x 570mm	5.70	12.45.570	*
	90mm WALL									
	R2.4	90	400	2600	28.9	0.0375	10 x 1.2m x 360mm	4.32	24.90.360	*
	R2.4	90	600	2600	28.9	0.0375	10 x 1.2m x 560mm	6.72	24.90.560	*
	140mm WALL									
	R3.2	140	400	2600	18.6	0.0438	10 x 1.2m x 360mm	4.32	32.140.360	
	R3.2	140	600	2600	18.6	0.0438	10 x 1.2m x 560mm	6.72	32.140.560	
	R3.6	140	400	3700	26.4	0.0389	10 x 1.2m x 360mm	4.32	36.140.360	*
	R3.6	140	600	3700	26.4	0.0389	8 x 1.2m x 560mm	5.38	36.140.560	*
	CHATTERBLOCK ACOUSTIC – For internal walls and midfloor. (SEE FULL RANGE)									
	R1.4	60	600	2820	47.0	0.0430	12 x 1.2m x 560mm	6.72	2820.60.560	
	R2.2	90	600	1960	21.8	0.0640	12 x 1.2m x 560mm	8.06	1960.90.560	
	R3.2	140	600	2550	18.2	0.0438	10 x 1.2m x 560mm	6.72	2550.140.560	
	RETRO-FIT UNDERFLOOR – Stapled in from underneath									
	R2.0	115	450	1200	10.4	0.0575	2 x 5.6m x 480mm	5.38	20.115.480	
	NEW BUILD DROP-IN UNDERFLOOR – Install from above with proprietry fastening system, prior to sheet flooring									
	R3.2	140	400	3500	30.0	0.0407	8 x 1.2m x 365mm	3.50	DIF.140.365	*
	R3.2	140	450	3500	25.0	0.0438	8 x 1.2m x 415mm	3.98	DIF.140.415	*
	R3.2	140	600	3500	25.0	0.0438	8 x 1.2m x 565mm	5.42	DIF.140.565	*

* BRANZ Appraised. Other R-Values extrapolated from BRANZ C518 testing.

- 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).

50+ YEARS WARRANTY · Red List Free · NEW ZEALAND MADE · BRANZ Appraised Appraisal No. 682

building wool innovation for life

0800 485 262
sales@terralana.co.nz
terralana.co.nz

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.

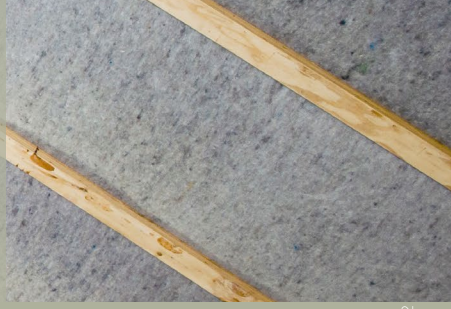
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TERRA LANA

SKILLION CEILING WOOL INSULATION

PRODUCT DATA



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

v. APR2026-2

DESCRIPTION

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

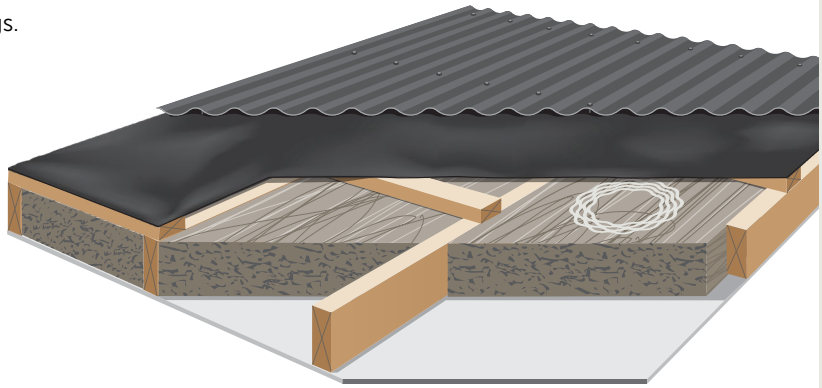
We use natural and recycled materials and manufacture locally to modern sustainability standards.

APPLICATIONS

- Skillion ceiling
  (Truss ceiling 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.



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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

Masterspec

Smart Spec

Design Navigator

H1 Reports & spec writing

Contact: spec@terralana.co.nz

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	*
SKILLION CEILING INSULATION						
R3.6	140mm	600mm	8 x 1.2m x 560mm	5.38 m²	36.140.560	*
R5.0	190mm	600mm	5 x 1.2m x 570mm	3.42 m²	50.190.570	
R6.4	240mm	600mm	4 x 1.2m x 570mm	2.74 m²	64.240.570	*
R7.2	290mm	600mm	4 x 1.2m x 570mm	2.74 m²	72.290.570	*

TRUSS CEILING WOOL INSULATION

PRODUCT DATA



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

v APR2026-2

DESCRIPTION

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

APPLICATIONS

- Truss ceiling
  (Skillion ceiling 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.



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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

Masterspec
Smart Spec
Design Navigator
H1 Reports & spec writing
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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 CEILING 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 CEILING 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	

TIMBER I-BEAM FILLET WOOL INSULATION

PRODUCT DATA



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

v APR2026-2

DESCRIPTION

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

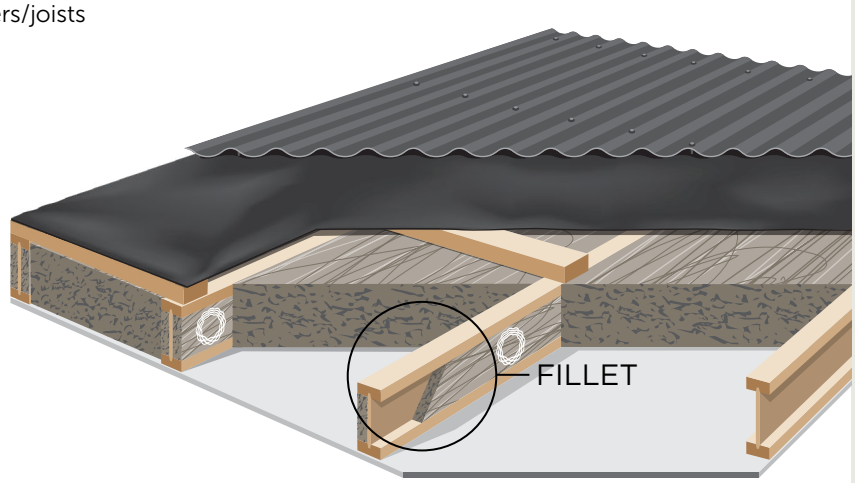
I-Beam's create voids that are difficult to insulate using standard insulation products. Terra Lana timber I-Beam fillets friction-fit within the voids to ensure maximum thermal performance.

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.

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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

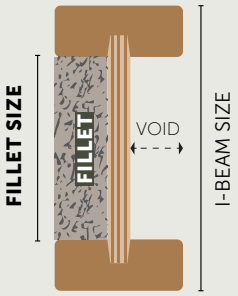
Masterspec

Smart Spec

Design Navigator

H1 Reports & spec writing

Contact: spec@terralana.co.nz



SPECIFICATIONS

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

EXTERIOR WALL WOOL INSULATION

PRODUCT DATA



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

v. APR2026-2

DESCRIPTION

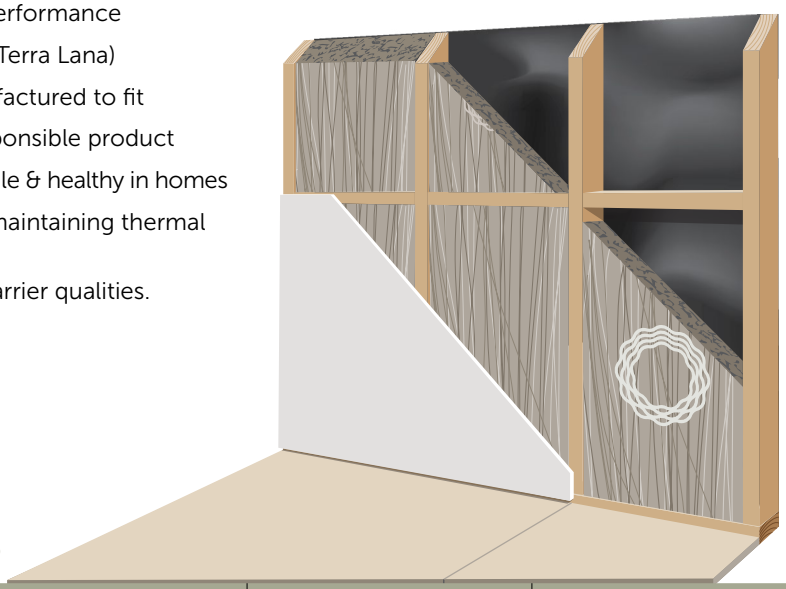
Terra Lana Wool Wall Insulation is designed with rigidity to friction fit within exterior wall cavities and not slump or degrade over the life of the building.

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-2026 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
WALL SERVICE CAVITY						
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m²	12.45.570	
90MM WALL						
R2.4	90mm	400mm	10 x 1.2m x 360mm	4.32 m²	24.90.360	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m²	24.90.560	*
140MM WALL						
R3.2	140mm	400mm	10 x 1.2m x 360mm	4.32 m²	32.140.360	
R3.2	140mm	600mm	10 x 1.2m x 560mm	6.72 m²	32.140.560	
R3.6	140mm	400mm	10 x 1.2m x 360mm	4.32 m²	36.140.360	*
R3.6	140mm	600mm	8 x 1.2m x 560mm	5.38 m²	36.140.560	*

SERVICE CAVITY WOOL INSULATION

PRODUCT DATA



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

v. APR2026-2

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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

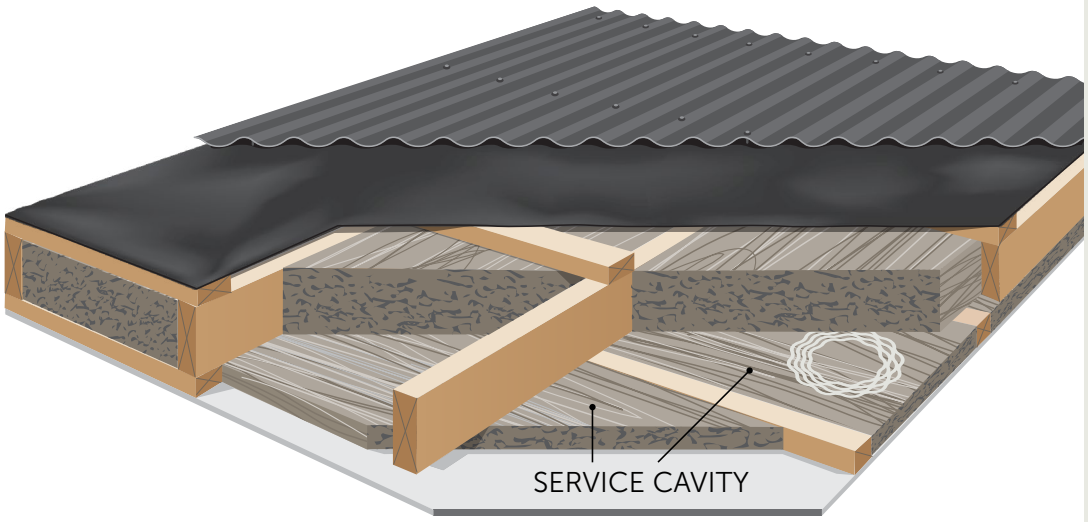
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Design Navigator

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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	*
WALL SERVICE CAVITY INSULATION						
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m²	12.45.570	*

NEW BUILD DROP IN FLOOR WOOL INSULATION

PRODUCT DATA



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

v. APR2026-2

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-wash 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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

Masterspec

Smart Spec

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 proprietary fastening system, prior to sheet flooring						
R3.2	140mm	400mm	8 x 1.2m x 365mm	3.50 m^2	DIF.140.365	*
R3.2	140mm	450mm	8 x 1.2m x 415mm	3.98 m^2	DIF.140.415	*
R3.2	140mm	600mm	8 x 1.2m x 565mm	5.42 m^2	DIF.140.565	*

RETROFIT UNDERFLOOR WOOL INSULATION

PRODUCT DATA



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

v. APR2026-2

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-2026 completion)

QUALITY ASSURANCE
50 year warranty

COMPOSITION

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

SPEC ASSIST

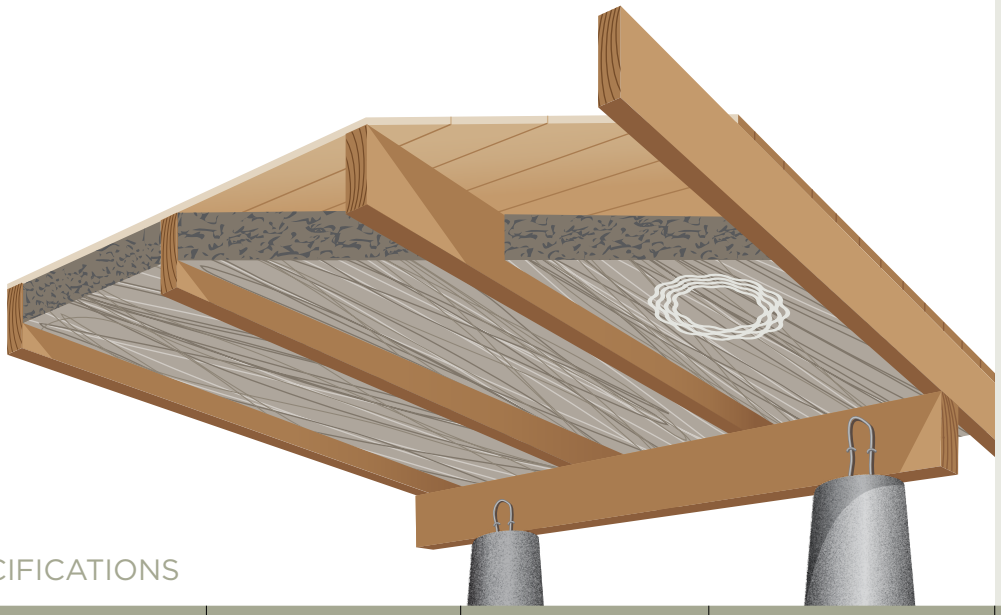
Masterspec

Smart Spec

Design Navigator

H1 Reports & spec writing

Contact: spec@terralana.co.nz



SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M² PER BALE	CODE
R2.0	115mm	450mm	2 x 5.6m x 480mm	5.38 m²	20.115.480

TERRA LANA

CHATTERBLOCK® WOOL ACOUSTIC BLANKET

COMMERCIAL
RESIDENTIAL

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

v. APR 2026

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/m^3 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

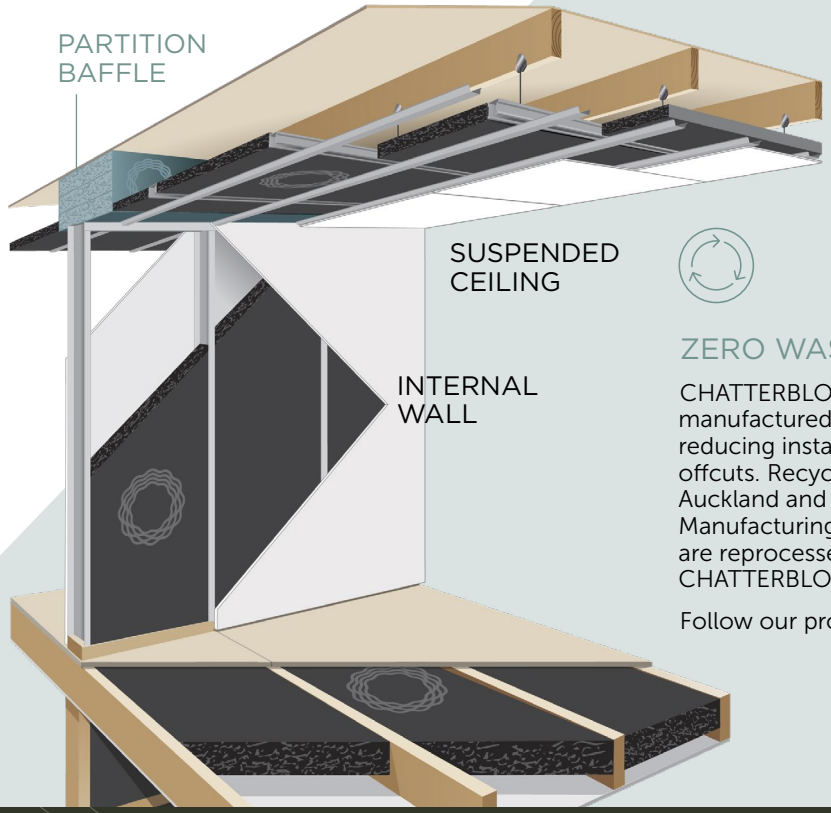
QUALITY ASSURANCE
50 year warranty

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.

building wool innovation for life

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TERRA LANA

PRODUCT TABLE

CHATTERBLOCK® WOOL ACOUSTIC INSULATION

v. MAY 2026

Designed for **commercial** and **residential** applications to effectively reduce inter-spacial noise transmission in partition walls, IT walls, ceilings and floors. Available as custom widths and lengths.

100m² minimum order applies for all products, excluding residential standard as highlighted.

RESIDENTIAL STANDARD

GSM	DENSITY kg/m³	THICKNESS mm	CENTRES mm	WIDTH mm	BALE CONTAINS	BALE M²	R-VALUE	CODE
WALL & CEILING & FLOOR – TIMBER FRAME								
735	14.7	50	600	580	2 x 9m x 580mm	10.44	R1.1	735.50.580
750	14.7	60	600	580	2 x 9m x 580mm	10.44	R1.3	750.60.580
2820	47.0	60	600	560	10 x 1.2m x 560mm	6.72	R1.8	CB.60.560 *
900	14.7	70	600	580	2 x 8m x 580mm	9.28	R1.5	900.70.580 *
1100	12.2	90	600	580	2 x 5.5m x 580mm	6.38	R1.8	1100.90.580 *
1325	14.7	90	600	560	2 x 4m x 560mm	4.48	R2.0	1325.90.560 *
1960	21.8	90	600	560	12 x 1.2m x 560mm	8.06	R2.2	CB.90.560 *
2600	28.9	90	600	560	10 x 1.2m x 560mm	6.72	R2.4	2600.90.560
2060	14.7	140	600	560	10 x 1.2m x 560mm	6.72	R3.0	2060.140.560
2550	18.2	140	600	560	10 x 1.2m x 560mm	6.72	R3.2	CB.140.560
3700	26.4	140	600	560	8 x 1.2m x 560mm	5.376	R3.6	3700.140.560
WALL & CEILING & FLOOR – STEEL FRAME								
735	14.7	50	600	600	2 x 9m x 600mm	10.8	R1.1	735.50.600
750	14.7	60	600	600	2 x 9m x 600mm	10.8	R1.3	750.60.600
2820	47.0	60	600	600	10 x 1.2m x 600mm	7.2	R1.8	2820.60.600
900	14.7	70	600	600	2 x 8m x 600mm	9.6	R1.5	900.70.600
1100	12.2	90	600	600	2 x 5.5m x 600mm	6.6	R1.8	1100.90.600
1325	14.7	90	600	600	2 x 4m x 600mm	4.8	R2.0	1325.90.600
1960	21.8	90	600	600	12 x 1.2m x 600mm	8.64	R2.2	1960.90.600
2600	28.9	90	600	600	10 x 1.2m x 600mm	7.2	R2.4	2600.90.600
2060	14.7	140	600	600	10 x 1.2m x 600mm	7.2	R3.0	2060.140.600
2550	18.2	140	600	600	10 x 1.2m x 600mm	7.2	R3.2	2550.140.600
3700	26.4	140	600	600	8 x 1.2m x 600mm	5.76	R3.6	3700.140.600
ACOUSTIC BAFFLE - above partition walls								
1000	10.0	100	600	600	2 x 6m x 600mm	7.2	low density	1000.100.600
2550	18.2	140	600	600	10 x 1.2m x 600mm	7.2	high density	2550.140.600
SUSPENDED CEILING TILE OVERLAY (length 1200mm)								
2820	47.0	60	600	600	10 x 1.2m x 600mm	7.2	R1.4	2820.60.600
1960	21.8	90	600	600	12 x 1.2m x 600mm	8.64	R2.2	1960.90.600
2550	18.2	140	600	600	10 x 1.2m x 600mm	7.2	R3.2	2550.140.600

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

All R-Values are extrapolated from BRANZ C518 testing

GIB SYSTEM SOUND TRANSMISSION CLASS PRODUCT SPECIFICATIONS

GIB SPECIFICATION	STC* 60mm	STC* 90mm
CENTRAL BARRIER WALLS		
Timber frame walls – with GIB Barrierline central barrier		
GBTLAB 60a	68	68
GBTLAB 60b	64	64
GBTLAB 60c	67	67
GBTLAB 60d	61	61
Steel frame walls – with GIB Barrierline central barrier		
GBSAB 60a	63	63
GBSAB 60b	67	67
GBSAB 60c	68	68
Staggered stud steel frame walls – with 13mm GIB Fyreline central barrier		
GBSAB 60d	56	56
GBSAB 60e	57	57
DOUBLE FRAME WALLS		
Double timber frame walls		
GBTLA 30a	58	56
GBTLA 30b	58	56
GBTLA 60	60	58
GBTLA 90c	63	60
GBTLA 90d	67	64
Double steel frame walls		
GBSA 30b	55	54
GBSA 60c	59	58
GBSA 45	60	59
GBSA 90c	61	60
GBSA 90d	65	64
SINGLE FRAME WALLS		
Single timber frame walls		
GBTLA 90r	55	54
GBTLIC 45	61	59
GBTLIC 60	61	60
GBTLIC 60a	56	55

GIB SPECIFICATION	STC* 60mm	STC* 90mm
SINGLE FRAME WALLS (continued)		
Steel frame walls – GIB Rail and acoustic resilient mount		
GBSA 30r	55	55
GBSA 60r	55	55
GBSA 90r	56	57
GBSIC 45a	55	55
Staggered steel stud walls		
GBSA 30s	55	54
GBSA 90s	60	59
GIB Rondo Quiet Stud		
GBQSA 45	56	55
GBQSA 60a	55	54
GBQSA 90	58	57
Floor/ceiling and suspended grid floor/ceiling systems		
GBDFA 60b	57	57
GBDFA 60d	67	67
GBDFA 60e	65	65
GBSJA 45	55	55
GBSJA 60	56	56
Suspended grid systems		
GBSCA 45	56	56
GBSCA 60a	56	56

*Sound Transmission Class

The rating for how well a partition attenuates sound. Higher numbers denote a greater reduction of sound.

Products used for testing

60mm R1.4 47kg/m3
90mm R2.2 21.8kg/m3