

# TERRA LANA WOOL INSULATION PRODUCT DATA



Product Table

Benefits

Skillion Ceiling

Truss Ceiling

Timber I-Beam Fillet

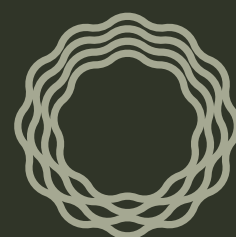
Exterior Wall

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 60m<sup>2</sup>

VAFR2026-2

R-VALUE	THICKNESS mm	CENTRES mm	GSM	DENSITY kg/m <sup>3</sup>	λ-VALUE W/m <sup>2</sup> K	BALE CONTAINS	BALE M <sup>2</sup>	CODE	
<b>CEILING SERVICE CAVITY</b>									
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	*
<b>SKILLION CEILING</b> – 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	
<b>TIMBER I-BEAM RAFTER 'FILLET'</b> – 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	
<b>TRUSS CEILING</b>									
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	
<b>TRUSS CEILING DOUBLE LAYER</b>									
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	
<b>WALL SERVICE CAVITY</b>									
R1.2	45	600	1200	26.7	0.0375	2 x 5m x 570mm	5.70	12.45.570	*
<b>90mm WALL</b>									
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	*
<b>140mm WALL</b>									
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	*
<b>CHATTERBLOCK ACOUSTIC</b> – 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	
<b>RETRO-FIT UNDERFLOOR</b> – Stapled in from underneath									
R2.0	115	450	1200	10.4	0.0575	2 x 5.6m x 480mm	5.38	20.115.480	
<b>NEW BUILD DROP-IN UNDERFLOOR</b> – Install from above with proprietary 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.

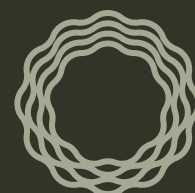
- Products must be removed from packaging within 3 months to ensure full loft recovery
- Orders of 4 bales or less are subject to additional freight charges.
- Prices are FIS excluding GST; site delivery not included unless otherwise stated.
- Allow up to 2-3 weeks from order to delivery. Minimum order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



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# 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 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

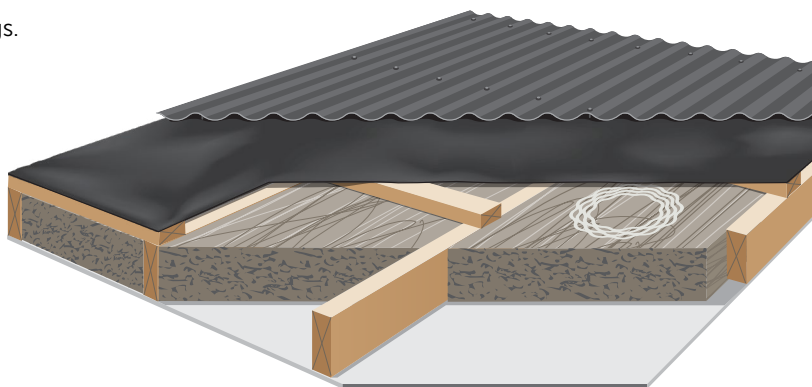
Masterspec

Smart Spec

Design Navigator

H1 Reports & spec writing

Contact: [spec@terralana.co.nz](mailto:spec@terralana.co.nz)



### SPECIFICATIONS

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



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# TRUSS CEILING WOOL INSULATION

## PRODUCT DATA

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

### 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  
Contact: [spec@terralana.co.nz](mailto:spec@terralana.co.nz)

### SPECIFICATIONS

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



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# 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)

### COMPLIANCE

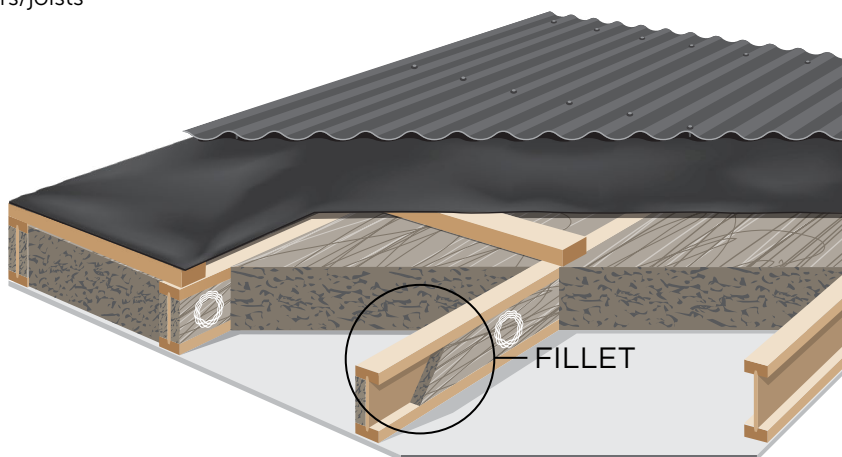
- DECLARE RED LIST FREE  
Certified toxin free
- GREENGUARD  
Indoor air quality approved
- HOMESTAR/GREENSTAR  
Credits available
- EPD (mid-2026 completion)
- QUALITY ASSURANCE  
50 year warranty

### COMPOSITION

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

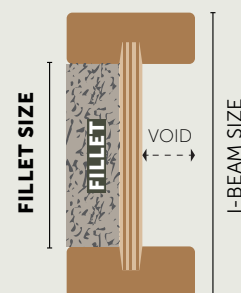
### SPEC ASSIST

- Masterspec
- Smart Spec
- Design Navigator
- H1 Reports & spec writing
- Contact: [spec@terralana.co.nz](mailto:spec@terralana.co.nz)



**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	<b>120mm</b>
hyJOIST	240mm	<b>160mm</b>
hyJOIST*	300mm	<b>220mm</b>
Lumberworx*	200mm	<b>140mm</b>
Lumberworx*	240mm	<b>180mm</b>
Lumberworx*	300mm	<b>240mm</b>



### SPECIFICATIONS

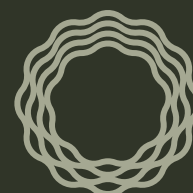
R-VALUE	BATTEN	JOIST SIZE	SIZE IN BALE	M <sup>2</sup> PER BALE	CODE
R0.9	35mm	<b>200mm hyJOIST</b>	8 x 6m x 120mm	48 lm/bale	09.35.120F
R0.9	35mm	<b>240mm hyJOIST</b>	7 x 6m x 160mm	42 lm/bale	09.35.160F

\* 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-2026 completion)

QUALITY ASSURANCE  
50 year warranty

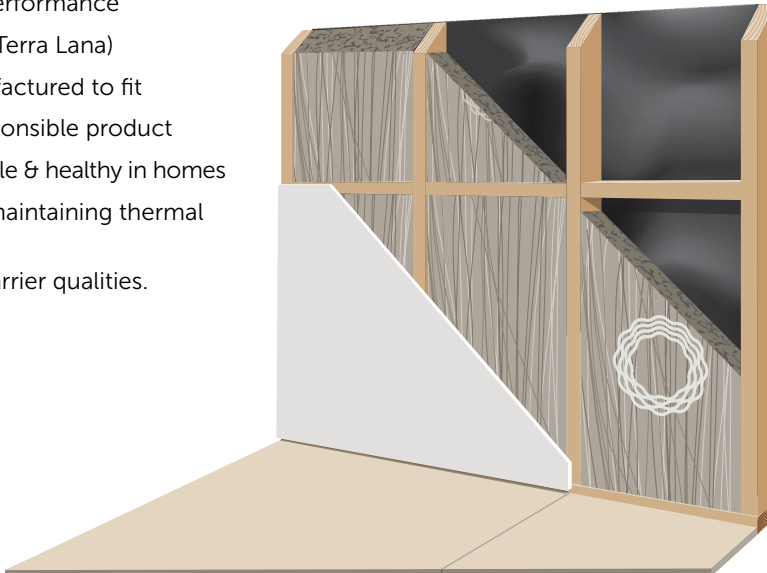
### COMPOSITION

≥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](mailto:spec@terralana.co.nz)

### SPECIFICATIONS



R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M <sup>2</sup> PER BALE	CODE	BRANZ
WALL SERVICE CAVITY						
R1.2	45mm	600mm	2 x 5m x 570mm	5.70 m <sup>2</sup>	12.45.570	
90MM WALL						
R2.4	90mm	400mm	10 x 1.2m x 360mm	4.32 m <sup>2</sup>	24.90.360	*
R2.4	90mm	600mm	10 x 1.2m x 560mm	6.72 m <sup>2</sup>	24.90.560	*
140MM WALL						
R3.2	140mm	400mm	10 x 1.2m x 360mm	4.32 m <sup>2</sup>	32.140.360	
R3.2	140mm	600mm	10 x 1.2m x 560mm	6.72 m <sup>2</sup>	32.140.560	
R3.6	140mm	400mm	10 x 1.2m x 360mm	4.32 m <sup>2</sup>	36.140.360	*
R3.6	140mm	600mm	8 x 1.2m x 560mm	5.38 m <sup>2</sup>	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-2026 completion)

QUALITY ASSURANCE  
50 year warranty

### COMPOSITION

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

### SPEC ASSIST

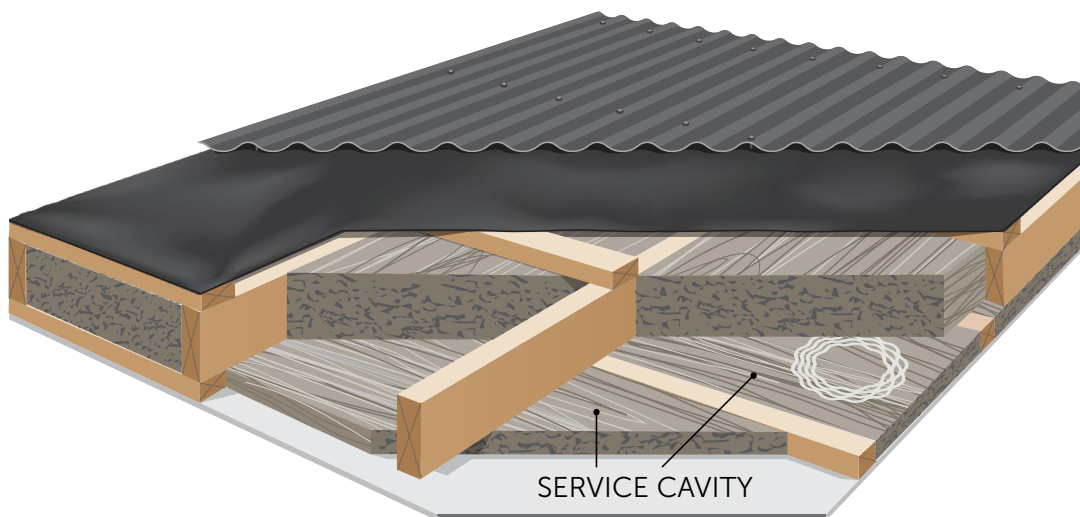
Masterspec

Smart Spec


Design Navigator

H1 Reports & spec writing

Contact: [spec@terralana.co.nz](mailto:spec@terralana.co.nz)



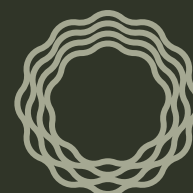
### SPECIFICATIONS

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



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# 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-protecting 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](mailto:spec@terralana.co.nz)



### SPECIFICATIONS

R-VALUE	THICKNESS	CENTRES	BALE CONTAINS	M <sup>2</sup> PER BALE	CODE	
NEW BUILD DROP IN UNDERFLOOR – Install from above with propriety fastening system, prior to sheet flooring						
R3.2	140mm	400mm	8 x 1.2m x 365mm	3.50 m <sup>2</sup>	DIF.110.365	*
R3.2	140mm	450mm	8 x 1.2m x 415mm	3.98 m <sup>2</sup>	DIF.140.415	*
R3.2	140mm	600mm	8 x 1.2m x 565mm	5.42 m <sup>2</sup>	DIF.140.565	*



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# 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-2026 completion)

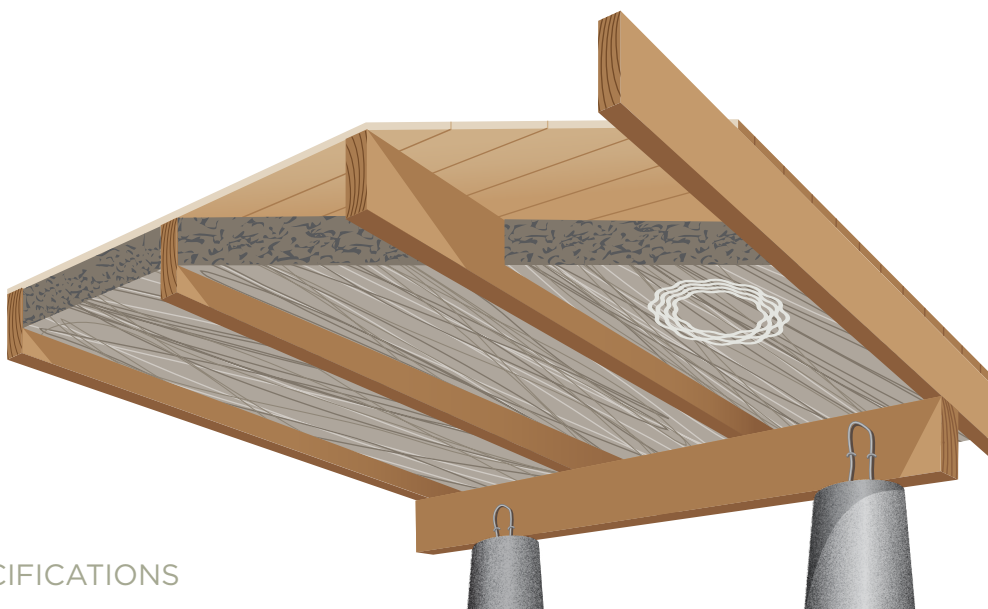
QUALITY ASSURANCE  
50 year warranty

### 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](mailto:spec@terralana.co.nz)



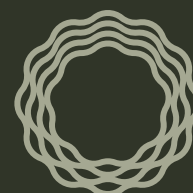
### SPECIFICATIONS

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



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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<sup>3</sup> 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

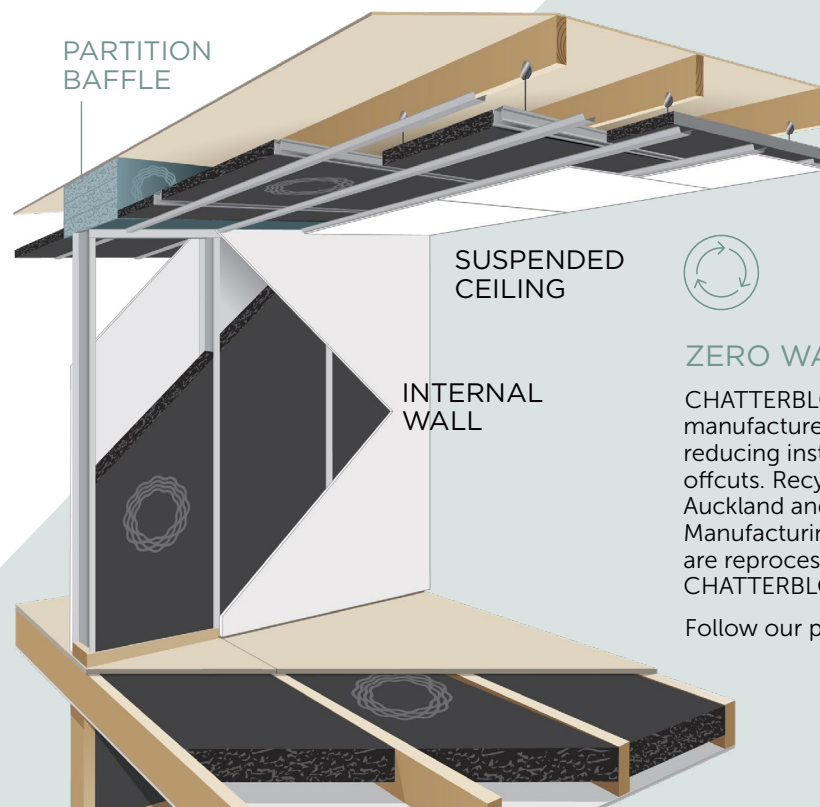
QUALITY ASSURANCE  
50 year warranty

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

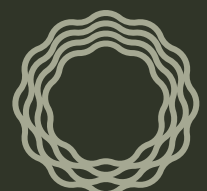
CHATTERBLOCK® is manufactured to fit site framing, reducing installation time and offcuts. Recycle any offcuts in Auckland and Christchurch. Manufacturing trimmings are reprocessed into more CHATTERBLOCK®.

Follow our process [here](#).



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TERRA LANA

PRODUCT TABLE

# CHATTERBLOCK<sup>®</sup> WOOL ACOUSTIC INSULATION

v. APR 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.

**100m<sup>2</sup> minimum order applies for all products, excluding residential standard as highlighted.**

RESIDENTIAL STANDARD								
GSM	DENSITY kg/m <sup>3</sup>	THICKNESS mm	CENTRES mm	WIDTH mm	BALE CONTAINS	BALE M <sup>2</sup>	R-VALUE	CODE
<b>WALL &amp; CEILING &amp; FLOOR – TIMBER FRAME</b>								
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
<b>WALL &amp; CEILING &amp; FLOOR – STEEL FRAME</b>								
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
<b>ACOUSTIC BAFFLE - above partition walls</b>								
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
<b>SUSPENDED CEILING TILE OVERLAY (length 1200mm)</b>								
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



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