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

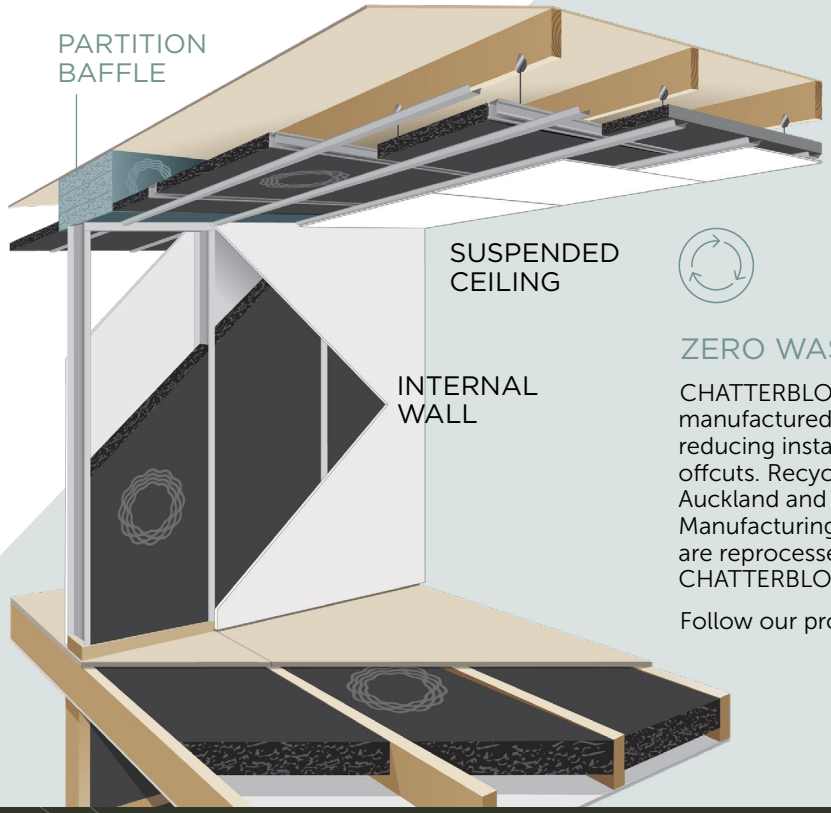
QUALITY ASSURANCE
50 year warranty

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