

TERRA LANA

CHATTERBLOCK® WOOL ACOUSTIC BLANKET

COMMERCIAL
RESIDENTIAL

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

V. MAR 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/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

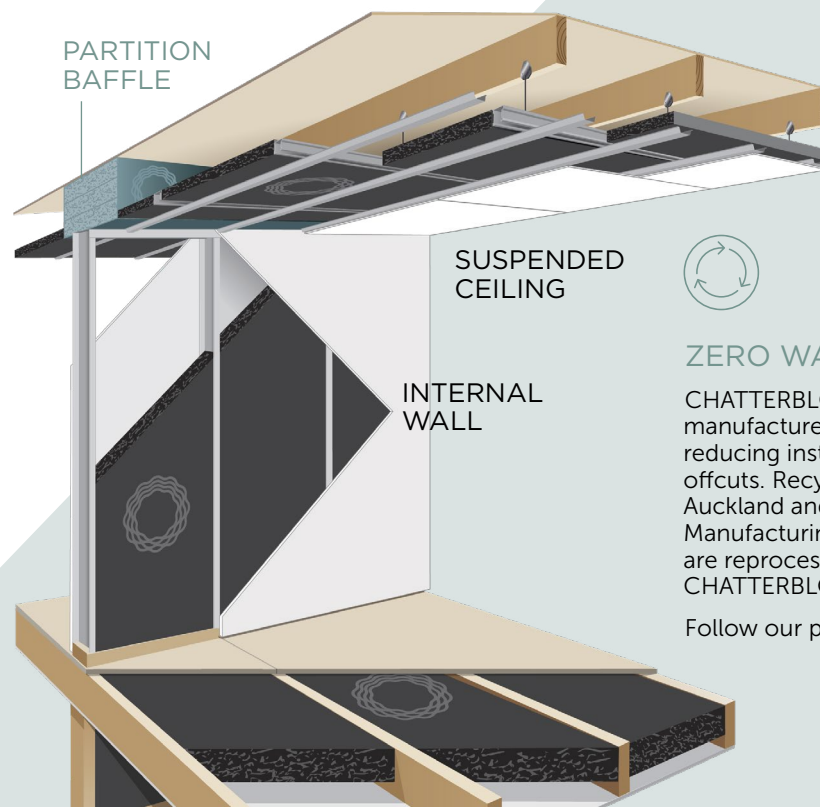
QUALITY ASSURANCE
50 year warranty

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

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.

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

RESIDENTIAL STANDARD								
GSM	DENSITY kg/m ³	THICKNESS mm	CENTRES mm	WIDTH mm	BALE CONTAINS	BALE M ²	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



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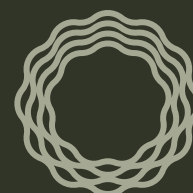
GIB SYSTEM SOUND TRANSMISSION CLASS PRODUCT SPECIFICATIONS

GIB SPECIFICATION	STC* 60mm	STC* 90mm	GIB SPECIFICATION	STC* 60mm	STC* 90mm
CENTRAL BARRIER WALLS			SINGLE FRAME WALLS (continued)		
Timber frame walls – with GIB Barrierline central barrier			Steel frame walls – GIB Rail and acoustic resilient mount		
GBTLAB 60a	68	68	GBSA 30r	55	55
GBTLAB 60b	64	64	GBSA 60r	55	55
GBTLAB 60c	67	67	GBSA 90r	56	57
GBTLAB 60d	61	61	GBSIC 45a	55	55
Steel frame walls – with GIB Barrierline central barrier			Staggered steel stud walls		
GBSAB 60a	63	63	GBSA 30s	55	54
GBSAB 60b	67	67	GBSA 90s	60	59
GBSAB 60c	68	68	GIB Rondo Quiet Stud		
Staggered stud steel frame walls – with 13mm GIB Fyreline central barrier			GBQSA 45	56	55
GBSAB 60d	56	56	GBQSA 60a	55	54
GBSAB 60e	57	57	GBQSA 90	58	57
DOUBLE FRAME WALLS			Floor/ceiling and suspended grid Floor/ceiling systems		
Double timber frame walls			GBDFA 60b	57	57
GBTLA 30a	58	56	GBDFA 60d	67	67
GBTLA 30b	58	56	GBDFA 60e	65	65
GBTLA 60	60	58	GBSJA 45	55	55
GBTLA 90c	63	60	GBSJA 60	56	56
GBTLA 90d	67	64	Suspended grid systems		
Double steel frame walls			GBSCA 45	56	56
GBSA 30b	55	54	GBSCA 60a	56	56
GBSA 60c	59	58	<p>*Sound Transmission Class the rating for how well a partition attenuates sound. Higher numbers denote a greater reduction of sound.</p> <p>Products used for testing 60mm R1.4 47kg/m³ 90mm R2.2 21.8kg/m³</p>		
GBSA 45	60	59			
GBSA 90c	61	60			
GBSA 90d	65	64			
SINGLE FRAME WALLS					
Single timber frame walls			<p>*Sound Transmission Class the rating for how well a partition attenuates sound. Higher numbers denote a greater reduction of sound.</p> <p>Products used for testing 60mm R1.4 47kg/m³ 90mm R2.2 21.8kg/m³</p>		
GBTLA 90r	55	54			
GBTLIC 45	61	59			
GBTLIC 60	61	60			
GBTLIC 60a	56	55			



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