

natural wool blend

CHATTERBLOCK® ECO ACOUSTIC INSULATION

Chatterblock ECO is thinner and extra dense for higher acoustic performance within internal walls, midfloors and GIB acoustic systems. It's a highly sustainable product made using Terra Lana insulation offcuts recycled from building sites.

APPLICATIONS

- Residential and commercial internal walls and midfloors.
- Intertenancy walls & floors, including GIB systems

ADVANTAGES

Chatterblock ECO is a sustainably sourced, environmentally friendly NZ made product providing a highly effective sound barrier with a thin profile and is easy to install.

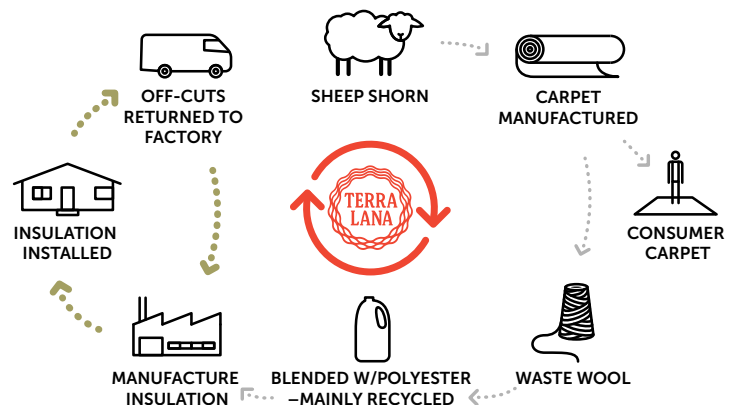
- **60MM THIN** Allow space to run wiring, plumbing, etc, or effectively soundproof cavity spaces as thin as 60mm.
- **WASTE REDUCTION & SUSTAINABILITY** Chatterblock ECO is made from recycled Terra Lana building site offcuts
- **ACOUSTIC EXCELLENCE** Chatterblock ECO is formulated with and extra high density of 47kg/m³ with a high flow resistance rating makes it suitable for specialised sound control in a wide range of applications
- **EASY INSTALL** Easily cut using a 20mm craft knife and steel rule without protective gear. Rigid and self supporting
- **DURABILITY** Extra rigid, dense and very dimensionally stable, Chatterblock ECO is a durable product that is guaranteed effective for the lifetime of a building
- **REDUCE TOXINS** Wool can absorb toxic vapours from building materials, trapping them within its cellular structure for a healthier, non-irritating and non-toxic indoor air environment
- **INTERNAL MOISTURE MANAGEMENT** The structure of sheep wool fibre is hygroscopic—allowing it to actively absorb and release moisture in the form of vapour. This helps to mitigate against moisture and condensation for a drier, more comfortable environment
- **QUALITY ASSURANCE** 50 year warranty.

COMPOSITION

Chatterblock ECO is double the density of Chatterblock+ achieving the same STC rating within its narrower depth of 60mm. It's made from recycled Terra Lana wool insulation building site offcut waste, blended with 25% polyester—sourced mostly from recycled PET bottles, as a melt bond for rigidity.

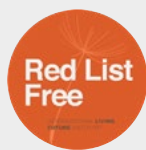
FRICTION FIT INSTALLATION

Simply cut with a 20mm craft knife and steel rule guide, for a self-supported friction fit finish. No protective gear required.



SPECIFICATIONS

Depth	Density	R Value	Code	Size	m ² /bale
60mm	47kg/m ³	1.4	14.60.560	5 x 2.6m x 560mm	7.28 m ²



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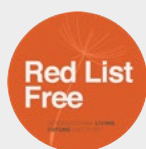
GIB SYSTEM STC TABLE

Sound insulation STC* ratings of Chatterblock ECO® insulation when installed in GIB Systems, as tested by Marshall Day Acoustics.

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

GIB SPECIFICATION	STC*
Single frame walls	
Timber frame walls – GIB Rail and acoustic resilient	
GBTLA 45r	55
GBTLA 60r	55
GBTLA 90r	55
GBTLIC 45	61
GBTLIC 60	61
GBTLIC 60a	56
Steel frame walls – GIB Rail and acoustic resilient mount	
GBSA 30r	55
GBSA 60r	55
GBSA 90r	56
GBSIC 45a	55
Staggered steel stud walls	
GBSA 30s	55
GBSA 90s	60
GIB Rondo Quiet Stud	
GBQSA 45	56
GBQSA 60a	55
GBQSA 90	58
Floor/ceiling and suspended grid	
Floor/ceiling systems	
GBDFA 60b	57
GBDFA 60d	67
GBDFA 60e	65
GBSJA 45	55
GBSJA 60	56
Suspended grid systems	
GBSCA 45	56
GBSCA 60a	56

***Sound Transmission Class:** the rating for how well a partition attenuates sound. Higher numbers denote greater reduction of sound.



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