

natural wool blend

# CHATTERBLOCK®+

ACOUSTIC INSULATION FOR WALLS & MIDFLOOR

Chatterblock+ acoustic insulation has a high density to provide a strong sound barrier as well as exceptional thermal performance.

## APPLICATIONS

- Inter-tenancy walls and floors (including GIB Systems)
- Residential and commercial buildings
- Internal walls between living areas, bedrooms and midfloor.

## NATURAL BENEFITS

The complex natural design of wool fibre has properties and advantages you will not find in synthetic insulation, making it an exceptional insulating material.

- **ACOUSTIC EXCELLENCE** Terra Lana wool blend insulation is specifically formulated with high density of at least 18kg/m<sup>3</sup>. Its high flow resistance rating makes it suitable for specialised sound control in a wide range of applications
- **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
- **DURABILITY** Terra Lana Insulation will perform to specification for a buildings' lifetime. Blended with polyester and thermally bonded to form a dimensionally stable, durable product
- **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
- **ENVIRONMENTALLY FRIENDLY** Made with wool recycled from industrial off-cut waste. A natural, renewable resource and 100% recyclable at our factory.
- **INSECT RESISTANCE** Manufactured from new & recycled textile wool fibres that are treated for insect resistance
- **BRANZ APPRAISED** Appraisal 682: 2010
- **QUALITY ASSURANCE** 50 year warranty.

## COMPOSITION

Chatterblock+ acoustic insulation is made with pre-consumer waste wool fibre from New Zealand textile and carpet manufacturers. We blend the wool with polyester—mostly from recycled PET bottles—to melt bond the insulation adding rigity for a durable, friction fit product designed to never slump or lose its loft. It has a high density of at least 18kg/m<sup>3</sup>.

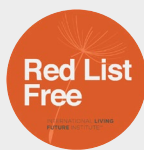
## INSTALLATION

Terra Lana acoustic insulation can be substituted within all GIB noise control systems, including intertenancy walls.

Simply rip with bare hands across the bale and friction fit within framing cavities. A 20mm craft knife or shears (hire from Terra Lana) can be used to cut along lengths. Staples can be used for extra support if needed. Custom widths are pre-cut free of charge for orders of more than 50m<sup>2</sup> per width. Chatterblock ECO can be cut with a 20mm craft knife & ruler.

## SPECIFICATIONS

R Value	Depth	Density	Code	Size	m <sup>2</sup> /bale
CHATTERBLOCK ECO					
R1.4	60mm	47kg/m <sup>3</sup>	14.60.560	5 x 2.6m x 560mm	7.28 m <sup>2</sup>
CHATTERBLOCK+ WALL					
R2.2	90mm	18kg/m <sup>3</sup>	22.90.560	6 x 2.6m x 560mm	8.74 m <sup>2</sup>
R2.4	90mm	26kg/m <sup>3</sup>	24.90.560	5 x 2.6m x 560mm	7.28 m <sup>2</sup>
R3.2	140mm	21kg/m <sup>3</sup>	32.140.560	5 x 2.6m x 560mm	7.28 m <sup>2</sup>
CHATTERBLOCK+ MIDFLOOR					
R2.2	90mm	22kg/m <sup>3</sup>	22.90.415	6 x 2.6m x 415mm	6.47 m <sup>2</sup>
R3.2	140mm	18kg/m <sup>3</sup>	32.140.415	5 x 2.6m x 415mm	5.40 m <sup>2</sup>



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