

natural wool blend

CHATTERBLOCK®

ACOUSTIC INSULATION



Chatterblock® noise insulation works by forcing sound waves travelling through it to bounce off its millions of fibres. Every disruption to the sound wave causes it to lose energy and the sound becomes quieter, reducing both noise from outside and noise from room to room within the home.

APPLICATIONS

- Inter tenancy walls and floors.
- Residential and commercial buildings.
- Absorber behind perforated ceiling systems.
- Internal walls between living areas and bedrooms, midfloor residential buildings.

COMPOSITION

Chatterblock® is a mixture of new wool, recycled off-cuts from textile and carpet manufacturers, and polyester. The polyester helps form a dimensionally stable structure and its denseness enables the insulation to be kept thin enough to fit within internal/ inter tenancy walls.

INSTALLATION

Can be ripped and fitted using bare hands without cutting tools. If cross grain cuts are required, heavy scissors, blade, or shears will suffice. Does not require stapling.



NATURAL BENEFITS

The complex natural design of wool fibre has properties and advantages you won't find in synthetic insulations, and which offer real benefits to your home and the environment.

NOISE BARRIER

Literally absorbs noise from both outside the building and within the premises. It's high Flow Resistance rating means it is suitable for specialised sound control in a wide range of applications.

HEALTHIER

being natural, our wool blend insulation is free of harmful substances and effects.

As well as helping create healthier air space, wool also absorbs close to 100% of exposed toxins such as formaldehyde, emitted from common building and furnishing materials.

SAFER

Non-irritant, non-allergenic, non-toxic and odourless. Contains no harmful substances. Requires no protective clothing or masks to install.

DURABLE

Maintains its loft with natural crimp and fibre texture and therefore will continue to fill voids as a noise barrier for the lifetime of the dwelling.

ECO FRIENDLY

Made from sustainable, recycled and natural and degradable materials. Breaks down quickly and safely when composted.



SUPERIOR NATURAL WARMTH

SPECIFICATIONS

	R VALUE	APPLICATION	THICKNESS	LENGTH	AREA PER BALE	ACOUSTIC RATING	CODE
ACOUSTIC	CHATTERBLOCK® Acoustic Insulation (thermal rating R2.2, thickness 90mm)						
	R2.2	Wall (studs 400mm centres)	90 mm	2.60 m	7.7 m ²	167 rayls	A22.90.370
	R2.2	Wall (studs 600mm centres)	90 mm	2.60 m	8.9 m ²	167 rayls	A22.90.570
	R2.2	Midfloor (joists 450mm centres)	90 mm	4.00 m	6.7 m ²	167 rayls	A22.90.420

DURABILITY

When used, installed and maintained in accordance with BRANZ Appraisal 682 (2010) and the Terra Lana Installation Guide, Terra Lana Chatterblock® will meet the provisions of NZBC B2.3.1 (a), (b) and (c), 50, 15 and 5 years respectively.

INSECT RESISTANCE

Terra Lana wool blend Chatterblock® insulation is manufactured from new wool, recycled wool and textile fibres that are treated for insect resistance.

SHELF LIFE

Terra Lana wool blend Chatterblock® insulation is compression packed into polyethylene bags. The fibres will recover to design thickness after unpacking. However, the longer the compression, the longer the recovery. Terra Lana insulations should not be stored in compressed state for longer than 6 months.

TESTING

Terra Lana natural wool blend insulation was developed and tested by the Wool Research Organisation of New Zealand (WRONZ, now AgResearch).

Chatterblock®'s sound absorption qualities have been tested and certified by Marshall Day Acoustics.



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THE SUPERIOR NATURAL CHOICE