



BRADFORD™ ACOUSTIGARD BLANKET FOR PARTITION WALLS

Introduction

Bradford™ Acoustigard Blanket is a lightweight insulation product designed specifically for the acoustic insulation of partition and intertenancy walls in buildings.

Product Description

Bradford Acoustigard Blanket is manufactured by spinning molten glass, containing up to 65% recycled content, into fine wool-like fibres. These inorganic fibres are bonded together using a thermosetting resin. The product can be identified by its light golden appearance.

Applications

Bradford Acoustigard Blanket has been designed to provide superior sound control in commercial applications. It provides an inexpensive, high performance acoustic solution for partitions and steel frame wall assemblies.

Bradford Acoustigard Blanket can achieve a range of acoustic ratings of STC 42 and above when used in combination with NZ's most commonly used construction materials.

Standard Bradford Acoustigard Blanket is supplied in widths of 600mm for easy installation into commercial steel stud spacings.

Features & Benefits

- Non-combustible bulk insulation
- Excellent acoustic properties
- Thickness's have been designed to fit within 64mm and 92mm steel stud walls allowing for perfectly straight wall linings
- 100% Bio-Soluble, non-hazardous
- Non-toxic
- Low irritant and low allergen and provides excellent indoor air quality

Standard Sizes and Packaging*

Thickness (mm)	Density	Nominal GSM	Size (mm)*	Coverage per pack (m ²)
50 (R1.3)	14kg/m ³	700	2700 x 600	16.2
75 (R1.8)	14kg/m ³	1050	2700 x 600	12.96

* Blanket skip chopped at every 2700mm for ease of installation.

Formulation

Bradford's advanced manufacturing processes provides products that are safe for allergy sufferers, allowing you and your family to breathe easy with added piece of mind.

Bradford products are manufactured using the latest FBS-1 Bio-Soluble formulation which has been assessed as non-hazardous under the National Occupational Health and Safety Commission's guidelines and can be installed with absolute confidence.



Bradford glasswool products do not contain harmful VOC's - Volatile Organic Compounds nor do they contain any harmful amounts of formaldehyde or other organic chemicals.

Designing for Sustainability

Bradford Acoustigard Blanket is manufactured from up to 65% recycled glass. Much of the recycled content used is not suitable for recycling in other applications.

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Zero Ozone Depleting Potential

Bradford Insulation has undertaken an audit of its Glasswool, Rockwall and reflective foil laminate insulation manufacturing processes referencing the

US EPA List of Ozone Depleting Substances (Class 1 and Class 2). This audit found that no ozone depleting substances are involved in either the manufacture or composition of these products.

Table 1: Measured results of tested wall systems

Wall construction	Acoustigard Blanket	Measured Performance	
		STC	Rw
1 x layer 13mm GIB® Standard plasterboard 64mm USG Steel Stud 1 x layer 13mm GIB® Standard plasterboard	50mm (R1.3)	42*	
1 x layer 13mm GIB® Braceline® & GIB Noiseline® 64mm USG Steel Stud 1 x layer 13mm GIB® Braceline® & GIB Noiseline®	50mm (R1.3)	45	46
1 x layer 13mm GIB® Braceline® & GIB Noiseline® 92mm USG Steel Stud 1 x layer 13mm GIB® Braceline® & GIB Noiseline®	75mm (R1.8)	45	47
2 x layers 13mm GIB® Braceline® & GIB Noiseline® 64mm USG Steel Stud 2 x layers 13mm GIB® Braceline® & GIB Noiseline®	50mm (R1.3)	51	52
1 x layer 13mm GIB® Braceline® & GIB Noiseline® 92mm Rondo Quiet Stud®, 1 x layer 10mm AND 1 x layer 13mm GIB® Braceline® & GIB Noiseline®	75mm (R1.8)	55	54
2 x layers 10mm GIB® Braceline® & GIB Noiseline® 90 x 45mm timber studs with ST-001 clip resilient channel system 2 x layers 10mm GIB Braceline® & GIB Noiseline®	75mm (R1.8)	59	58
For Wall Constructions STC 60+, please contact Bradford Insulation to discuss further design options			

* An STC 40 system was not tested (ostensibly because the STC 45 systems achieved higher than anticipated results). Marshall Day Acoustics reviewed the test results, and using the Insul® prediction program have confirmed that the standard plasterboard system with the 50mm Bradford Acoustigard Partition Blanket would achieve STC 42.

ACOUSTIGARD – DATA SHEET