



# BRADFORD™ GOLD ACOUSTIC PARTITION (BAP) BLANKET

## Introduction

Bradford Gold™ Acoustic Partition blanket is a lightweight insulation product designed specifically for the acoustic insulation of partition and intertenancy walls in buildings.

## Product Description

Bradford Acoustic Partition (BAP) 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

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

BAP 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 BAP blanket is supplied in widths of 600mm for easy installation into commercial steel stud spacings (450mm wide blankets are also available on request).

BAP blanket can also be used in ceiling overlay applications requiring acoustic treatment.

## Features & Benefits

- Non-combustible bulk insulation
- Excellent acoustic properties
- Skip chopped at 2700mm for easy installation
- Thicknesses have been designed to fit within 64mm and 92mm steel stud walls allowing for perfectly straight wall linings
- 100% Bio-soluble - nonhazardous
- Nontoxic
- Low irritant and low allergen and provides excellent indoor air quality

## Standard Sizes & Packaging

Product	Description	Thickness (mm)	Density	Nominal GSM	Size (mm)*	Coverage per pack (m <sup>2</sup> )
BAP50	Bradford Acoustic Partition Blanket	50 (R1.3)	14kg/m <sup>3</sup>	700	2700 x 600	16.2
BAP75	Bradford Acoustic Partition Blanket	75 (R1.8)	14kg/m <sup>3</sup>	1050	2700 x 600	12.96
Special Order**						
BAP50	Bradford Acoustic Partition Blanket	50 (R1.3)	14kg/m <sup>3</sup>	700	2700 x 450	14.6
BAP75	Bradford Acoustic Partition Blanket	75 (R1.8)	14kg/m <sup>3</sup>	1050	2700 x 450	12.2

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

\*\* MOQ may apply

## 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 nonhazardous 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 Gold 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, Rockwool 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	Acoustic Partition Blanket	Measured Performance	
		STC	Rw
1 x layer 13mm GIB® Standard plasterboard 64mm USG Steel Stud 1 x layer 13mm GIB® Standard plasterboard	BAP50 2700 x 600 x 50mm	42*	
1 x layer 13mm GIB Braceline® & GIB Noiseline® 64mm USG Steel Stud 1 x layer 13mm GIB Braceline® & GIB Noiseline®	BAP50 2700 x 600 x 50mm	45	46
1 x layer 13mm GIB Braceline® & GIB Noiseline® 92mm USG Steel Stud 1 x layer 13mm GIB Braceline® & GIB Noiseline®	BAP75 2700 x 600 x 75mm	45	47
2 x layers 13mm GIB Braceline® & GIB Noiseline® 64mm USG Steel Stud 2 x layers 13mm GIB Braceline® & GIB Noiseline®	BAP50 2700 x 600 x 50mm	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®	BAP75 2700 x 600 x 75mm	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®	BAP75 2700 x 600 x 75mm	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 Partition Blanket would achieve STC 42.

**Bradford™**  
for smarter environments

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BRADFORD™ GOLD ACOUSTIC PARTITION BLANKET - DATA SHEET

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