



# GLASSWOOL QUIETEL (130KG/M<sup>3</sup>)

## Introduction

Bradford Quietel is a high density acoustic insulation for use in residential and commercial applications.

## Product Description

Bradford Quietel is a high density, rigid insulation manufactured by spinning molten glass, containing up to 80% recycled content, into fine wool like fibres. These are bonded together using a thermosetting resin. The product can be identified by its golden appearance.

## Applications

Quietel is an ultra high density glasswool product. It is an excellent acoustic insulator for both sound transmission and absorption while providing excellent thermal resistance. Quietel also has superior compressive resistance for use in trafficable areas.

Applications include:

- Under floating floors
- Specialised acoustic applications

## Benefits

- Ultra high compressive strength for trafficable areas
- Resists damage
- Maximum acoustic performance at minimal thickness
- Biosoluble material - safe to use

## Available Facings

Facings are generally not applied to this product

## Health and Safety

This product is manufactured to the latest Fibre Bio-Soluble (FBS-1) Glasswool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer MSDS sheet on Bradford website.

## SKU Table

Nominal Thickness (mm)	Nominal Length (m)	Nominal Width (mm)	Pieces per Pack	Nominal Coverage per Piece (m <sup>2</sup> )	Nominal Coverage per Pack (m <sup>2</sup> )	Nominal Piece Weight (kg)	Nominal Pack Weight (kg)
13	2.4	600	8	1.4	11.5	2.4	19.5
25	2.4	1200	2	2.9	5.8	9.4	18.7

Products not stocked in NZ may be subject to minimum runs. Please check with the Bradford office before ordering.

# GLASSWOOL QUIETEL

## Physical Properties

<b>Density</b>	kg/m <sup>3</sup>	130
<b>Maximum Service Temperature</b>		Glasswool: 350°C; Facing 70°C
<b>Thermal Conductivity</b>	Based on measurements made in accordance with AS2464:5 part 5 and 6	
<b>Fire Hazard Properties</b>	When tested in accordance to AS/NZS 1530.3:1999	<ul style="list-style-type: none"> <li>• Ignitability: 0</li> <li>• Spread of flame: 0</li> <li>• Heat Evolved: 0</li> <li>• Smoke Developed: 0</li> </ul>
<b>Compressive Resistance</b>	When tested under comprehensive load, in accordance to BS 2972-1975	
<b>Corrosion Resistance</b>	When tested in accordance with BS 3958.5:1969	pH 7.5-8.0 Incapable of corroding steel
<b>Moisture Absorption</b>	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
<b>AS4859 Compliance</b>	Complies with AS/NZ4859.1 "Materials for the thermal insulation of buildings"	Complies
<b>Sample Specification</b>		The insulation material shall be Bradford Quietel Glasswool of thickness ( ) mm faced with (Specify facing). For installation specifications refer to the relevant Application Brochure in the Bradford Insulation Building Literature series.

## Sound Absorption

When tested in a reverberation chamber in accordance with AS 1045:1988

Product	Thickness (mm)	Frequency (Hz)							
		125	250	500	1000	2000	4000	5000	NRC
Unfaced	13	0.06	0.08	0.28	0.62	0.86	1.06	1.04	0.45
Unfaced	25	0.07	0.28	0.74	1.04	1.13	1.09	1.11	0.80
Unfaced	50	0.36	0.81	1.12	1.18	1.11	1.12	1.22	1.05