



GLASSWOOL QUIETEL (130KG/M³)

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
- Approved for use on site by the Unions

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 ²)	Nominal Coverage per Pack (m ²)	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

GLASSWOOL QUIETEL

Physical Properties

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

Bradford™
for smarter environments

CSR Bradford Insulation

55 Stennett Rd, Ingleburn NSW 2565 Australia.

Telephone (02) 9765 7000 **Facsimile** (02) 9765 7002

www.bradfordinsulation.com.au

CSR Bradford Insulation is a business division of CSR Building Products Limited ABN 55 008 631 356

The contents of this brochure are copyright protected and may not be reproduced in any form without prior written consent of CSR Bradford Insulation. Recommendations and advice regarding the use of the products described in this brochure are to be taken as a guide only, and are given without liability on the part of the company or its employees. We reserve the right to change product specifications without prior notification, please refer to the Bradford website for the latest version of this document. The purchaser should independently determine the suitability of the product for the intended use and application.