



BRADFORD™ GOLD SKILLION ROOF BLANKET

Introduction

Bradford Gold's new R2.9, 115mm thick skillion roof blanket has been designed to be used within a 140mm rafter whilst retaining the airspace.

Insulation thickness within skillion roof design has been an ongoing issue for specifiers. Bradford™ Gold skillion roof blanket has been designed as an economical solution to fit 140mm and 190mm rafters.

This not only provides Architects with more design flexibility, but also saves money on the cost of unnecessary timber.

Product Description

Bradford Blanket insulation is a lightweight, compressible insulation material manufactured from the controlled felting of recycled glass, bonded together using a thermosetting resin. The product can be identified by its light golden appearance.

Bradford Gold skillion roof blanket is an economical solution while achieving R-Values of 2.9, 3.2 and 3.6 respectively.

Applications

The Bradford Gold skillion roof blanket range has been designed to exceed H1 compliance, (based on the use of the schedule method) whilst still maintaining the 25mm air gap required from the top of the insulation to the underside of the roofing underlay.

Features & Benefits

- Bradford Gold is manufactured using the latest Arlanda fibre technology, making Bradford Gold products nicer to handle, cut and install, while providing superior performance
- Will not settle over time
- Bradford Gold skillion roof blanket is guaranteed for the life of the building
- Naturally resistant to insect and vermin attack
- 100% bio-soluble - nonhazardous and provides excellent indoor air quality
- Low irritant and low allergen
- Bradford Gold achieves the best possible fire ratings. Bradford Gold will not ignite or burn and can hinder the spread of flame

Standard Sizes & Packaging

R-Value	BRANZ Appraised	Nominal Thickness (mm)	Standard Size (mm)	Density (kg/m ³)	Pieces per pack	Area per pack (m ²)	Rafter size (mm)**
R2.9		115	8m x 1200	13.6	1	9.6	140
R3.2	✓	145	10m x 1200	10.8	1	12	190
R3.6*	✓	165	7.5m x 1200	15.9	1	9	190

✓ Bradford have Environmental Choice ticks against all products that fall within category EC-25-04. All products that can be tested have the green tick. The minimum criteria is R2.5 for walls, R3.4 for ceilings and R1.4 for underfloor products.

* 4 week lead time

** Recommended rafter size allowing a 25mm air gap

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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 also do not contain harmful VOC's – Volatile Organic Compounds; they do not 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.

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.

Technical Leadership

Bradford Gold is manufactured using the latest Arlanda fibre technology, making Bradford Gold products nicer to handle, cut and install, while providing superior performance.

Physical Properties

Property	Performance	Test Criteria
Maximum Service Temperature	350 °C	Bradford recommends where high temperature use is required seek advice from your Bradford office.
Flow Resistivity	0.5 x 10 ⁴ mks Rays/m	
Fire Resistance	Ignitability 0 Heat Evolved 0 Spread of Flame 0 Smoke Developed 0	When tested in accordance with AS/NZS1530.3:1999
Corrosion Resistance	pH 7.5 - 8.0	When tested in accordance with BS 3958 Part 5 - 1986
Moisture Absorbance	<0.2% by volume	Exposure to an atmosphere of 50 °C and 95% relative humidity for four days. Note: IF the insulation becomes wet, full thermal efficiency will be restored on drying out.

Bradford™
for smarter environments

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BRADFORD™ GOLD SKILLION ROOF BLANKET - DATA SHEET

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