



OPTIMO™ UNDERFLOOR

Product Description

Bradford Optimo Underfloor is a resilient thermal insulation manufactured from the controlled felting of glasswool bonded with a thermosetting resin.

Optimo Underfloor is manufactured to a specification which enables friction fitting of the product. The product is light yellow in colour, and comes in two widths designed to suit the standard floor joist spacing of 450mm and 600mm. Optimo Underfloor is supplied in strong polythene packaging for ease of transport and handling.

The product is non hazardous and Bio soluble. Optimo Underfloor has a special treatment added to increase its ability to repel water which gives added protection to the underfloor from possible water damage. Optimo Underfloor will not burn and will provide excellent thermal and acoustic insulation in the home.

Product Applications

- Stiffened for use in underfloor applications to enable good friction fit of the product
- Specially treated with a water repellent to increase the ability to repel water which provides a second line of defence from moisture ingress
- Has a guaranteed R-Value and complies to AS/NZS 4859
- Carries a lifetime guarantee

Skus Table

R Value (m ² K/W)	Nominal Thickness (mm)	Standard Size (mm)	M ² per pack	Coverage per pack (M ²)	Packs Per Multipack
R2.6	90	1160 x 565	5.2	5.9	5
R2.6	90	1160 x 415	3.8	4.3	5

Physical Properties

Maximum Service Temperature		350°C
Fire Hazard Properties	When tested in accordance to AS/NZS 1530 Part 3-1999	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 0
Corrosion Resistance	When tested in accordance with BS 3958 Part 5-1969	pH 7.5-8.0
Moisture Resistance	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
Flow Resistivity		0.5 x 10 ⁴ mks Rayls/m
Sample Specification	The insulation material shall be water repellent Bradford Optimo Underfloor, as manufactured by Bradford Insulation. For installation specifications refer to the relevant Application Brochure in the Bradford Insulation Building Literature Series.	

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Breathe Easy

Bradford Glasswool is not classified as carcinogenic. The International Agency for Research into Cancer (IARC) has determined that glasswool insulation products are non-carcinogenic, with no potential for causing cancer in humans. Bradford Optimo Underfloor insulation is suitable for use in homes of asthma and allergy sufferers.

Bradford Insulation guarantees that all our products are low allergen, will not pack down, shrink, mould, rot or deteriorate and, when installed in accordance with our directions, will last the lifetime of your home.

* This product complies with AS4859.1 – “Materials for the thermal insulation of buildings”.

OPTIMO UNDERFLOOR – DATA SHEET