



OPTIMO™ UNDERFLOOR INSULATION

Introduction

Bradford™ Optimo™ underfloor is a rigid high density insulation manufactured from Glasswool. It is designed to be installed snugly between joists beneath the flooring to increase the thermal comfort & the energy efficiency of homes with suspended floors.

Applications

Bradford Optimo can be fitted to new homes from above the joists using the unique Optimo Saddle system or easily fitted to existing floors from underneath the floor using the Optimo aluminium strap system.

The Optimo range offers R2.1 or R2.5 level in thermal performance and can suit joist spacing of either 450mm or 600mm.

Benefits

Bradford Optimo benefits include:

- Reduces heat transfer through suspended floors
- Helps stop draughts through timber floors
- Reduces external noise entering through the sub-floor
- Softer fibre from more comfortable handling
- Reduces heating and cooling energy costs

SKU Table - Underfloor Insulation

Thickness (mm)	Standard Size (mm)	Items per Pack	M ² per Pack	Coverage per Pack (m ²)	Product Code
Optimo™ R2.1 Underfloor Insulation					
70	1160 x 415	6	2.89	3.13	107972
70	1160 x 565	6	3.93	4.18	107973
Optimo™ R2.5 Underfloor Insulation					
90	1160 x 415	8	3.85	4.18	114692
90	1160 x 565	8	5.24	5.57	114650

SKU Table - Saddles (New Build)

	Nominal Insul. Thickness	Qty Per Box	Product Code
Optimo R2.1 Saddle	70	250	96220
Optimo R2.5 Saddle	90	250	96262

SKU Table - Optimo Straps

	Qty Per Pack	Product Code
Optimo Straps	100	95296
Optimo Straps	250	95295

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Physical Properties

Maximum Service Temperature		350°C
Fire Hazard Properties	When tested in accordance to AS1530 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 Absorption	When placed in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
Flow Resistivity		0.5×10^4 mks Rayls/m

Health & Safety

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 Gold Insulation is the only accepted insulation partner of the National Asthma Council Australia Sensitive Choice Program. Bradford gold 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".

* The life of home is taken by Bradford to be 70 years from the date of installation.