

Glasswool Building Blanket - Plain

Refer to product table below for applicable product codes covered by this document

Issue **C**

Product Type & Application

Glasswool Building Blanket is a non-combustible, un-faced insulation product for roofing applications.

Compliance with the NCC

For use in Australia, when correctly specified and installed, this product:

- **Thermal** - Complies with NCC 2019 Volume 1 Section J1.2, NCC 2019 Volume 2 Section 3.12.1.1(a), and all state-prescribed variations. The product meets the requirements of the NCC through compliance with AS/NZS 4859.1.
- **Fire Hazard Properties** - Meets the requirements of the NCC 2019 Volume 1, Specification C1.10 Clause 7 for insulation materials. When tested to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices of Specification C1.10 Clause 7.
- **Non-Combustibility** - Meets the requirements of NCC Vol.1 C1.9(a), as it is non-combustible when tested to AS 1530.1.

Evidence of Suitability

- Testing to AS/NZS 4859.1 across the following reports-
 - CSR Lab Report R-20024.
 - CSR Lab Report R-20025.
 - CSR Lab Report R-20026.
 - CSR Lab Report R-20027.
 - CSR Lab Report R-20029.
 - CSR Lab Report R-20030.
 - CSR Lab Report R-20031.
 - CSR Lab Report R-20032.
 - CSR Lab Report R-20068.
- Testing and Professional Assessment, AS 1530.1 - CSIRO Assessment FCO-2812.
- Testing and Professional Assessment, AS/NZS 1530.3 - CSIRO Assessment FCO-2805.

Specific Design or Installation Instructions

- Isolate power before installation.
- **Caution:** Electrical cables and equipment partially or completely surrounded with bulk thermal insulation may overheat and fail. In new build construction with electrical wiring in accordance with AS/NZS 3000, 2018 version or later, wiring may be partially or completely surrounded for up to 400mm. If more than 400mm is surrounded, or for wiring pre AS/NZS 3000, 2018 version, seek advice from a licenced electrician. Refer to legislation and referenced standards for full details.
- Insulation should form a continuous layer, except where it butts against structural members, or for mandatory gaps around services and fittings. It should be installed at nominal thickness, except where it crosses structures, services and fittings.
- Ceiling perimeter batts may be required to achieve compliance depending upon roof and exterior wall design.
- Do not allow insulation to get wet after installation.

Supplementary information - Additional installation guidance for this product can be found in AS 3999.

Limitations of Use

- Unfaced Glasswool is not a vapour barrier and is not suitable for vapour control.
- Consult AS 3959 to determine the installation conditions when using unfaced rolls in roofs of buildings in bushfire-zoned areas.
- Maximum service temperature is 300°C.
- Not to be used for external concrete slab insulation.

Conditions of Storage, Use & Maintenance

Store in the original packaging in a cool, dry area, away from foodstuffs. Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use. Avoid packaging being stored under UV light (direct sunlight) for long periods.

Refer to the product SUIS/MSDS at Bradfordinsulation.com.au for more information.

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Applicable Product Codes

R-VALUE (m ² K/W)	THICKNESS (mm)	NOMINAL LENGTH (m)	NOMINAL WIDTH (mm)	NOMINAL COVERAGE (m ² per Roll)	NOMINAL PACK WEIGHT (kg)	PRODUCT CODE
R1.0	50	15	1200	18	9.72	15846
R1.3	60	15	1200	18	10.62	15722
R1.3	60	30	1200	36	21.24	15439
R1.5	75	15	1200	18	12.15	15908
R1.8	80	20	1200	24	20.64	15635
R2.0	90	15	1200	18	16.92	15749
R2.3	100	10	1200	12	13.56	16143
R2.5	110	10	1200	12	14.52	17433
R3.0	130	10	1200	12	18.72	81713
R3.3	140	7.5	1200	9	17.01	105883
R3.6	145	7.5	1200	9	20.79	105884

Additional Product Data

Maximum Service Temperature		300°C (suitable where a long term surface operating temperature $\geq 90^{\circ}\text{C}$ is required for insulation around heat generating equipment.)
Fire Hazard Properties	When tested in accordance with AS/NZS 1530.3	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1
Non-Combustibility	When tested to AS 1530.1	Non - Combustible

Other Accreditation



FBS-1 Glasswool - The fibre component of these products is listed by Safe Work Australia as Man-made Vitreous Fibre (Glasswool) of low bio persistence as specified under Note Q in the Australian Hazardous Substances Information System and in the Australian Approved Criteria documentation. In accordance with EU ATP 31 (2009) these fibres are not classified as an irritant, or as carcinogenic. Refer to the product SUIS/MSDS at Bradfordinsulation.com.au for more information.



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