

Bradford Gold® Ceiling Perimeter Batts

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

Issue **A**

Product Type & Application

Bradford Gold® Ceiling Perimeter Batts are non-combustible Glasswool thermal insulation products which reduce heat transfer through the building envelope. They are for use in ceilings within 450mm of the external wall where height is restricted by a pitched roof.

Compliance with the NCC

For use in Australia, when correctly specified and installed, this product provides the following compliance:

NCC 2022

- **Thermal** - Complies with NCC 2022 Volume 1 J4D3(1) and ABCB Housing Provisions Standard 2022 13.2.2(1). This product meets the requirements of the NCC through compliance with AS/NZS 4859.1.
Meets the Ceiling Perimeter Batt requirements of ABCB Housing Provisions Standard 2022 13.2.3(6) through compliance with AS/NZS 4859.1. The product is suitably sized to fit within 450mm of the external wall.
- **Non-Combustibility** - Meets the non-combustible requirements of NCC 2022 Volume 1 C2D10(1) when tested or assessed in accordance with AS 1530.1.
- **Fire Hazard Properties** - Meets the requirements of the NCC 2022 Volume 1, S7C7 for insulation materials. When assessed to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices of Table S7C7.

Limitations of Use

- **IMPORTANT:** Do Not Modify This Product: Compliance with the evidence of suitability data referenced in this document is only achieved by the product or configuration listed in this PTS.
- This product is not suitable for use as an exposed internal wall or ceiling lining in applications which require a Group Number in accordance with AS ISO 9705 and AS 5637.1 (NCC 2022 Volume 1 S7C4).
- Unfaced Glasswool is not a water or vapour barrier and is not suitable for water or vapour control.
- Maximum service temperature is 150°C for Glasswool.
- Check the plasterboard, ceiling tile or ceiling grid manufacturer's weight limitations prior to increasing the recommended R-Values or densities to ensure the structure can support the additional weight of the insulation batts.

Evidence of Suitability

- Testing to AS/NZS 4859.1 at 23°C across the following reports-
 - CSR NATA Lab Report NR-24115.
- Testing and Professional Assessment to AS 1530.1 across the following reports –
 - Warringtonfire Assessment FAS220051.
- Professional Assessment, AS/NZS 1530.3 –
 - Warringtonfire Assessment FAS200045.

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 SDS at Bradfordinsulation.com.au for more information.

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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 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, seek advice from a licenced electrician. Refer to legislation and referenced standards for full details or seek advice from an electrician if in doubt.
- This product is deemed to satisfy the requirements for perimeter batts in ABCB Housing Provisions Standard 2022 13.2.3(6). It is an R3.0 insulation batt sized to allow installation no further than 450mm from the external wall. Consult the ABCB Housing Provisions Standard to determine whether an increased R-value batt is required for the remainder of the roof to compensate for the perimeter batts.
- This product has been designed to separate into smaller sections to allow installation around the ceiling perimeter where a regular ceiling batt cannot fit in the junction between a pitched roof and the external wall.
- Suitable for applications that specify non-combustible bulk insulation products - not suitable for exposed internal wall and ceiling lining applications that require a Group Number.
- Insulation should be installed so that it forms a continuous layer and abuts or overlaps adjoining insulation other than at supporting members such as columns, studs, noggings, joists, furring channels and the like where the insulation must butt against the member.
- Bulk insulation must be installed so that it maintains its position and thickness, other than where it crosses water pipes, electrical cabling or the like; or roof battens in Class 1 and 10 buildings, cladding and supporting members in Class 2-9 buildings, or where accounted for elsewhere.
- Stated thermal performance is based on bulk insulation only. The effects of thermal bridging and any added reflective R-value contributions are construction dependent and must be determined in accordance with AS/NZS 4859.2.
- Compensate for gaps as specified by the ABCB Housing Provisions Standard 2022 13.2.3(5) and Table 13.2.3w. It should be installed at nominal thickness, except where it crosses structures, services and fittings.
- Suitable for applications where the product is protected from direct UV light, water and wind pressure during and after installation.

For general installation guidance refer to the product installation guide at Bradfordinsulation.com.au

Supplementary information - Additional installation guidance for this product can be found in AS3999.

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Applicable Product Codes – Ceiling Products

R-VALUE [m ² K/W]	THICKNESS [mm]	STANDARD SIZE [mm]	PIECES PER PACK	m ² PER PACK	PACKS PER MULTI	PRODUCT CODE
R3.0	100	1200 x 430 <i>Can be separated into 3 pieces 400 x 430.</i>	5 <i>Can be separated into 15 pieces 400 x 430.</i>	2.58	6	489105^
R3.0	100	1200 x 580 <i>Can be separated into 3 pieces 400 x 580.</i>	5 <i>Can be separated into 15 pieces 400 x 580.</i>	3.48	6	489106^

^ AS/NZS 1530.3 Test Report available.

Material R-values are determined in accordance with AS/NZS 4859.1 at 23°C and apply to the product installed at nominal thickness.

Additional Product Data

Maximum Service Temperature		150°C (suitable where a long term surface operating temperature ≥90°C is required for insulation around heat generating equipment.)
Fire Hazard Properties	When assessed in accordance with AS/NZS 1530 Part 3-1999	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1
Non-Combustibility	When assessed to AS 1530 Part 1	Non - Combustible
Sample Specification – Ceiling Products	The insulation material shall be Bradford Gold® Ceiling Perimeter Batts R 3.0 m ² K/W as manufactured by Bradford Insulation.	

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 SDS at Bradfordinsulation.com.au for more information.



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