

Bradford Fireseal® Curtain Wall Batts

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

Issue **A**

Product Type & Application

Bradford Fireseal® Curtain Wall Batts are non-combustible, plain (unfaced) Rockwool insulation. This product is designed to insulate between the edge of the concrete floor slab and a fire rated spandrel panel to retard the progress of fire between floors by providing floor to floor fire separation in multi-storey buildings.

Compliance with the NCC

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

- **Non-Combustibility** - Meets the non-combustible requirements of NCC 2019 Volume 1 C1.9(a) when tested in accordance with AS 1530.1.
- **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.
- **Fire Hazard Properties** - Meets the Deemed to Satisfy requirements of the NCC 2019 Volume 1 C2.6 (a)(iii) Vertical separation of openings in external walls.
- **Thermal** - Complies with NCC 2019 Volume 1 Section J1.2(a), 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.

Evidence of Suitability

- Testing and Professional Assessment, AS 1530.1 - CSIRO Assessment FCO-2783.
- Testing and Professional Assessment, AS/NZS 1530.3 - CSIRO Assessment FCO-2783.
- Testing and Professional Assessment, AS/NZS 1530.4 - Warringtonfire Assessment FAS190138. Please see **Limitations of Use** for details.
- Testing to AS/NZS 4859.1 in the following report, on nominal (uncompressed) thickness - CSR Lab Report R-20122.

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.

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.
- Fireseal® Curtain Wall Batts must be installed with at least 10% compression in the vertical opening between the edge of the concrete floor slab and a fire rated spandrel panel.
- Fireseal® Curtain Wall Batts must be abutted to neighbouring/adjacent batts to provide a compressed fit into the joint.
- If required, optional galvanised steel flashings can be installed both below and above the Fireseal® Curtain Wall batt, sealed to the wall and the concrete with fire rated sealant.
- Suitable for applications that specify non-combustible bulk insulation products - not suitable for exposed 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.
- Not recommended for applications exposed to UV light or weather during or 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.

Limitations of Use

- This product is not suitable for use as an exposed wall or ceiling lining in applications which require a Group Number in accordance with AS ISO 9705 and AS 5637.1 (NCC 2019 Volume 1, Specification C1.10 Clause 4).
- Unfaced Rockwool is not a water or vapour barrier and is not suitable for water or vapour control.
- Not suitable for use in BAL-FZ.
- AS/NZS 1530.4 assessment FAS190138 by Warringtonfire demonstrates the anticipated non-structural FRL in the systems nominated in the assessment. The suitability of this product for the specific system requirements in an application must be confirmed by the relevant project certifier, fire engineer or other principle certification authority.

Rockwool Fireseal® Curtain Wall Batts

Applicable Product Codes

R-VALUE (m ² K/W)	THICKNESS (mm)	NOMINAL LENGTH (m)	NOMINAL WIDTH (mm)	PIECES PER PACK	LINEAL METRES PER PACK (M)	PRODUCT CODE
R1.45	50	1.2	120	18	21.6	125082

Additional Product Data

PROPERTY	STANDARD	RESULT
Density		75 kg/m ³
Fire Hazard Properties	When tested in accordance with AS/NZS 1530.3	• 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 Rockwool - The fibre component of these products is listed by Safe Work Australia as Man-made Vitreous Fibre (Rockwool) 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.

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