

Bradford Fibertex[®] - Faced Blanket

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

Issue **A**

Product Type & Application

Bradford Fibertex[®] Faced Blanket is a medium or high-density Rockwool bulk insulation product with a heavy-duty foil facing. This product is primarily used as a general-purpose insulation product in industrial applications where fire and thermal properties are required.

Compliance with the NCC

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

- **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.
- **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.
- **Weatherproofing and Condensation Control** - Facing material only meets the requirements of the NCC 2019 Volume 1 parts F1.6, F6.2(a)(i), Volume 2 parts 3.5.2.4(b), 3.8.7.2(a)(i), and all State-prescribed variations, through compliance with AS/NZS 4200.1.
- **BAL** - Meets the requirements for sheet roof construction of buildings in bushfire-prone regions BAL 12.5-40, as per AS 3959, sections 5 to 8.

Limitations of Use

- **IMPORTANT:** Compliance with the evidence of suitability data referenced in this document is only achieved when this product is produced at a CSR approved facility, in accordance with CSR specifications and approved materials.
- **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 material is not classified as non-combustible in accordance with AS1530.1 and is not suitable for use where non-combustible material is required.
- This product does not meet the non-combustibility or fusion temperature requirements of AS 1668.1, 2.3.2.
- 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).
- Not suitable for use in FRL applications.
- Not suitable for use in BAL-FZ.
- The foil facing product should not come into contact with wet concrete, or alkaline materials.

Specific Design or Installation Instructions

- Isolate power before installation.
- **WARNING:** This product contains aluminium foil which conducts electricity. To avoid electrocution, care should be taken to ensure that this product or conductive fasteners used to secure this product, do not come into contact or close proximity with electrical wiring during installation or use.
- **Caution:** Electrical cables and equipment partially or completely surrounded with bulk thermal insulation may overheat and fail.
- Stated thermal performance is based on the insulation blanket or board only - reflective R-values are construction-dependent upon the adjacent airgap and must be determined in accordance with AS/NZS4859.2.
- To create an air, water, or vapour barrier, the facing material needs to be sealed at overlaps, end laps, discontinuities and penetrations.
- Insulation should be installed so that 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.
- **Condensation Risk Consideration:** The facing material is classified as a vapour barrier, and when positioned on the cold side of the construction it may increase the risk of condensation entrapment within the structure. As there are many factors which can influence condensation risk it is highly recommended that designers undertake a hygrothermal analysis to further reduce condensation risk.
- To maintain the water barrier properties of the facing material it should not be punctured, creased, crushed, sharply folded or dragged over the building structure during installation.
- Suitable for interior applications where the product is protected from UV light, water and wind pressure during and after installation.

For general installation guidance refer to the product information on Bradfordinsulation.com.au

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

Evidence of Suitability

- Testing to AS/NZS 4859.1 across the following reports –
 - CSR Lab Report R-21002.
 - CSR NATA Lab Report NR-21104.
 - CSR NATA Lab Report NR-21105.
- Testing and Professional Assessment, AS/NZS 1530.3 –
 - Warringtonfire Assessment FAS200045.
 - Warringtonfire Assessment FAS210154.

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Conditions of Storage & 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.
- Do not pressure clean or use mineral based cleaners on the facing product.

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

Applicable Product Codes

R-VALUE (m ² K/W)	THICKNESS (mm)	NOMINAL LENGTH (m)	NOMINAL WIDTH (mm)	PIECES PER PACK	m ² PER PACK	PRODUCT CODE
FIBERTEX 350 BLANKET WITH HEAVY DUTY FOIL FACING						
TBA	30	4	600	2	4.8	194450
TBA	50	4	600	2	4.8	194448
TBA	75	4	600	2	4.8	194449
FIBERTEX 450 BLANKET WITH HEAVY DUTY FOIL FACING						
R1.45	50	4	600	2	4.8	465092
R2.15	75	4	600	1	2.4	465093
FIBERTEX 650 BLANKET WITH HEAVY DUTY FOIL FACING IS ALSO AVAILABLE						

R-values apply to the unfaced blanket.

Additional Product Data

Nominal Density – unfaced blanket only		60kg/m ³ - Fibertex 350 80kg/m ³ - Fibertex 450 100kg/m ³ - Fibertex 650
Fire Hazard Properties	When tested in accordance with AS/NZS 1530 Part 3 - 1999	• Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1

Other Accreditation



National Asthma Council Sensitive Choice

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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