

# Multitel® BAL 12.5-40 Blanket

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

Issue **C**

## Product Type & Application

Multitel® BAL 12.5-40 is a low density, non-combustible Glasswool blanket. Multitel® BAL 12.5-40 is primarily intended to seal against ember ingress to metal roofs in bushfire prone regions classified as Bushfire Attack Level (BAL) 12.5-40. For the properties of Multitel HVAC Blankets refer to their separate Product Technical Statement.

## Compliance with the NCC

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

### NCC 2022

- **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.

### NCC 2019

- **Non-Combustibility** - Meets the non-combustible requirements of NCC 2019 Volume 1 Amend. 1 C1.9(a) when tested or assessed in accordance with AS 1530.1.
- **Fire Hazard Properties** - Meets the requirements of the NCC 2019 Volume 1 Amend. 1, Specification C1.10 Clause 7 for insulation materials. When assessed to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices of Specification C1.10 Clause 7.

## Evidence of Suitability

- Professional Assessment, AS 1530.1 -
  - CSIRO Assessment FCO-2812.
- 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. Store in the original packaging in a cool, dry area, removed from UV light (direct sunlight).

Refer to the product SUI/MSDS at [Bradfordinsulation.com.au](http://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.
- 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 compressed into position to fully seal openings. Refer to the Bradford Bushfire Roofing Systems Design Guide.
- Install in accordance with the requirements of AS 3959.
- 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 **Bradford Bushfire Roofing Systems Design Guide**, or product information on [Bradfordinsulation.com.au](http://Bradfordinsulation.com.au)

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

## 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 does not meet the fusion temperature requirements of AS 1668.1 – The use of ventilation and air conditioning in buildings, 2.3.2.
- 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 2019 Volume 1 Amend. 1, Specification C1.10 Clause 4, NCC 2022 Volume 1 S7C4).
- Not intended to seal tiled roofs in BAL classified areas.
- Not suitable for use in BAL-FZ.
- Unfaced Glasswool is not a water or vapour barrier and is not suitable for water or vapour control.
- Maximum service temperature is 300°C for Glasswool.

## Multitel® BAL 12.5-40 Blanket

### Applicable Product Codes

THICKNESS (mm)	NOMINAL LENGTH (m)	NOMINAL WIDTH (mm)	LINEAR METERS PER PACK	PRODUCT CODE
25	20	300	80	100061

### Additional Product Data

<b>Maximum Service Temperature</b>		300°C
<b>Fire Hazard Properties</b>	When assessed in accordance with AS/NZS 1530.3	• Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1
<b>Non-Combustibility</b>	When assessed 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](http://Bradfordinsulation.com.au) for more information.