

Specitel™ Blanket

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

Issue **C**

Product Type & Application

Specitel™ is a low density, lightweight Glasswool blanket providing thermal resistance. Specitel is primarily intended for use as flexible duct insulation.

Compliance with the NCC

For use in Australia, when correctly specified and installed, this 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.
- **Non-Combustibility** – Unfaced/plain product meets the non-combustible requirements of NCC 2022 Volume 1 C2D10(1) when 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

- **Thermal** - Complies with NCC 2019 Volume 1 Amend. 1 Section J1.2(a), NCC 2019 Volume 2 Amend. 1 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.
- **Non-Combustibility** - Unfaced/plain product meets the non-combustible requirements of NCC 2019 Volume 1 Amend. 1 C1.9(a) when 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.

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 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.
- 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 must be installed to form a continuous layer which maintains its position and thickness everywhere, except at flanges and supports.
- Suitable for interior applications where the product is protected from direct UV light, water and wind pressure during and after installation.
- Refer to AS 4254.1 for installation requirements for air handling ductwork.

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

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 non-combustibility or 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).
- 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.

Evidence of Suitability

- Testing to AS/NZS 4859.1 at 23°C across the following reports apply to the unfaced blanket –
 - CSR Lab Report R-23038
 - CSR NATA Lab Report NR-23114
 - BRANZ Report TP13869-015
- Professional Assessment, AS 1530.1 -
 - Warringtonfire Assessment FAS220051.
- Professional Assessment, AS/NZS 1530.3 -
 - Warringtonfire Assessment FAS200045.

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Applicable Product Codes

R-VALUE [m ² K/W]	THICKNESS [mm]	NOMINAL LENGTH [m]	NOMINAL WIDTH [mm]	m ² PER ROLL	PRODUCT CODE
PLAIN					
R1.0	45	30	1200	36.00	77688
R1.0	45	18	1320	23.76	15934
R1.0	45	18	845	15.21	15878
R1.0	45	18	685	12.33	15882
R1.2	50	18	1200	21.60	157185
R1.2	50	18	1520	27.36	157187
R1.5	65	18	1200	21.60	83915
R1.5	65	18	1250	22.50	103073
R1.5	65	18	1415	25.47	103074
R1.5	65	18	940	16.92	99585

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 for Unfaced Glasswool
Non-Combustibility	When assessed to AS 1530 Part 1	Non - Combustible
Fire Hazard Properties	When assessed in accordance with AS/NZS 1530.3	Plain (unfaced) Blanket: • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 1
Fire Hazard Properties	This insulation product has NOT been tested to AS/NZS 1530.3 or UL-181 Burning Test requirements in a flexible ducting system. AS 4254.1 requires the flexible duct system be tested, not individual components such as 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 SUIS/MSDS at Bradfordinsulation.com.au for more information.