Fletcher Insulation
Building Better, Together

Technical data sheet

Pink® EmberGuard™ Building Blanket

Non-combustible glasswool ember seal

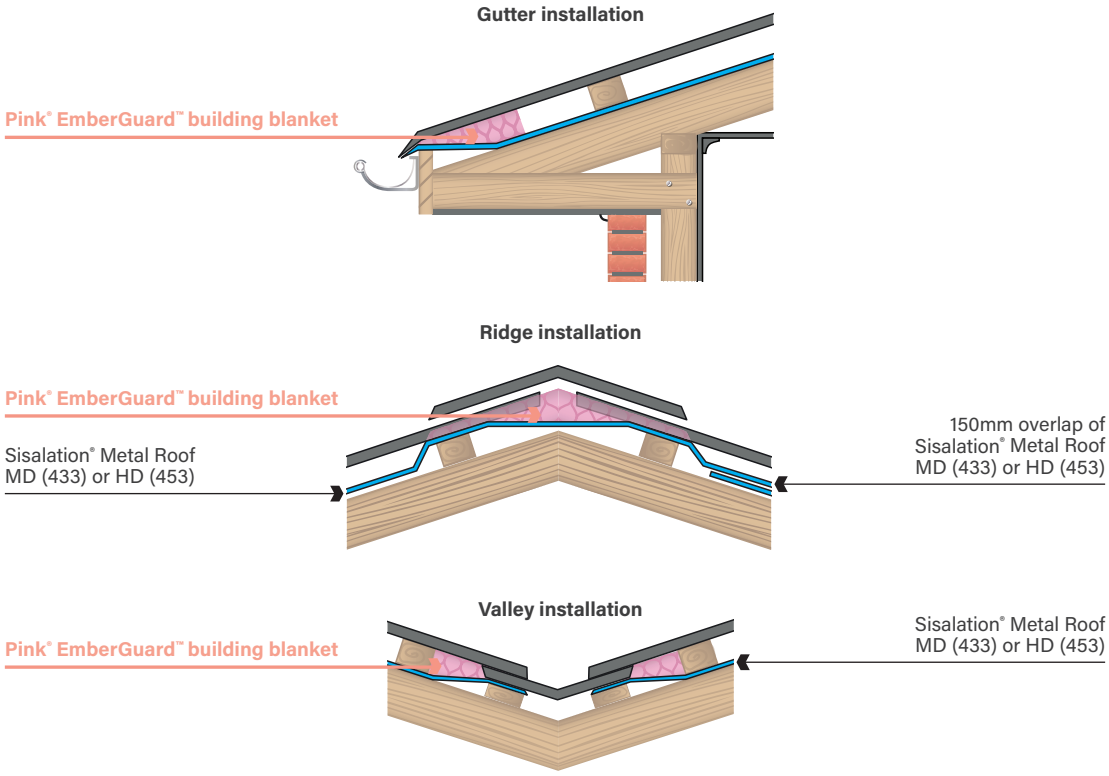
Description

Pink® EmberGuard™ Building Blanket is made from a non-combustible glasswool, ideal for use as a gap seal in roofs of buildings in bush fire prone areas.

Applications

Pink® EmberGuard™ Building Blanket is ideal for use under sheet roofs to seal gaps at the fascia, hips and ridges to protect against ember attack.

It is designed to be compressed under sheet roofing elements to seal gaps under corrugations or ribs and between roof components in accordance with the bushfire construction requirements of AS 3959. Gaps that occur at ridge capping, valleys and fascias are typical locations for Pink® EmberGuard™ Building Blanket to be installed. Pink® EmberGuard™ Building Blanket is suitable for use in bushfire prone areas with a Bushfire Attack Level (BAL) of 12.5–40.



Features and benefits

Made from non-combustible glasswool	→	Helps to seal gaps at the fascia, hips and roof ridges to provide protection against ember attack.
Designed to be compressed under sheet roofing	→	Seals gaps under roof sheet corrugations or ribs and between roof components to meet bushfire construction requirements of AS 3959.
Suitable for use in bushfire prone areas with a Bushfire Attack Level (BAL) of 12.5–40	→	Cost effective and compliant solution to provide peace of mind against bushfire ember attack.

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Product data

Nominal thickness mm	Width mm	Length m	Batts per pack	Linear m² per pack	Old product code	New product code
25	300	20	4	80.0	910242	4005985

Physical properties

Property	Test method/standard	Result	Unit
Moisture absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2	% by volume
Fungi resistance of insulation materials	ASTM C1338-14	Pass (No growth)	

Fire hazard properties

Pink® EmberGuard™ Building Blanket achieves the following results when tested in accordance with the following standards:

Property	Test method/standard	Result
Combustibility	AS/NZS 1530.1	Non-combustible
BAL Compliance	AS 3959	12.5–40

Product limitations

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.

- This product does not have a Group Number in accordance with AS 5637.1 (NCC 2022 Volume 1 S7C4, NCC 2025 Volume 1 S7C4) and is not suitable as an exposed internal wall and ceiling lining where a group number is required.
- Unfaced glasswool is not a water or vapour barrier and is not suitable as a water or vapour control.
- Not suitable under tile roof
- This product must not be installed in areas where it may be exposed to liquid water, persistent moisture, or weathering
- The maximum service temperature for this product is 150°C

Compliance

NCC 2022

- When correctly specified and installed, the product complies with the below NCC clauses and relevant standards:
- Classified as non-combustible when assessed in accordance to AS 1530.1, therefore complies with the requirements of NCC clause C2D10 (1).

NCC 2025

- When correctly specified and installed, the product complies with the below NCC clauses and relevant standards:
- Classified as non-combustible when tested or assessed in accordance to AS 1530.1, therefore complies with the requirements of NCC clause C2D10 (1).

Maintenance and conditions of use

- Product must be kept dry and not be exposed to weather in any condition including prior, during and after installation.
- Ensure product is protected from physical damage during storage and avoid packaging being stored under UV light (such as direct sunlight) for extended periods.
- When product is installed as per the product installation guidelines, no further maintenance is required for this product.

Health and safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. Refer to Fletcher Insulation SUIS for more information.

Environmental properties

Fletcher Insulation avoids the use of Ozone Depleting Potential (ODP) substances in the manufacture or composition of its FBS-1 Glasswool Bio-Soluble Insulation® and Sisalation® reflective foil products.

The use of these Fletcher Insulation products guarantees the use of Zero ODP insulation while also ensuring that no harmful levels of Volatile Organic Compounds (VOCs) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

Technical specification

When specifying, please state the following:
The insulation material shall be Fletcher Insulation Pink® EmberGuard™ Building Blanket R _____ m^2K/W (Material R-value) _____ (thickness) x _____ (width) x _____ (length) mm. Compliant with the testing requirements and is non-combustible according to AS 1530.1.

Product must be FBS-1 bio soluble.

Product must recover after packaging removal, to the requirements if AS4859.1.

Installation instructions

For the correct installation method, follow the Installation Guidelines available from insulation.com.au

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