

Pink® EmberGuard™ Building Blanket

Non-combustible glasswool ember seal

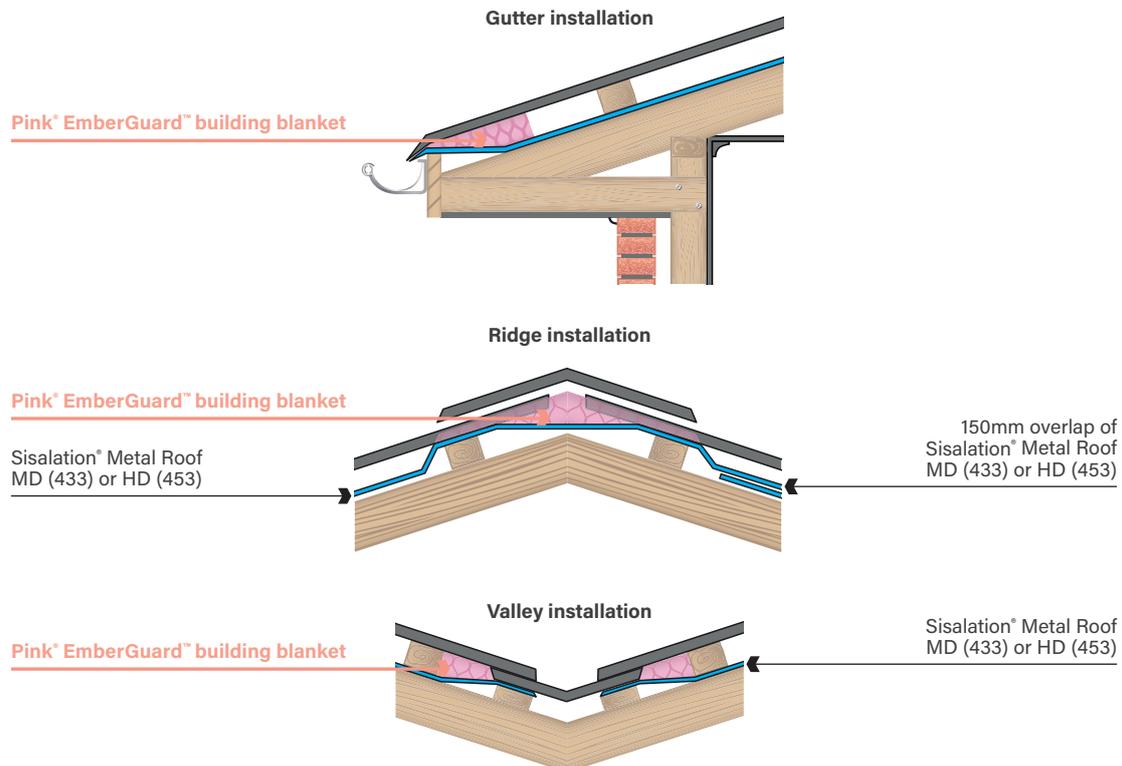
Description

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.



Product limitations of use

- Not to be used/exposed to weather in any condition including prior, during and after installation.
- Not suitable for applications where high humidity is present within a building (wet climates) for a long period.
- Modifications not permissible, as suitability and/or compliance may be compromised.
- Product needs to be allowed to fully recover before use (cannot be used crushed).

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.

Product data

Nominal thickness mm	Width mm	Length m	Batts per pack	Linear m ² per pack	Old product code	New product code
25	300	20	4	80.0	910242	4005985

Physical properties

Property	Test method/standard	Result	Unit
Maximum service temperature	ASTM C411/C447	350	°C
Moisture absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2	% by volume

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

Compliance

NCC2019

- When correctly specified and installed, the product complies or assists to comply with below NCC clauses and relevant standards.
- Complies with AS/NZS 4859.1 as referenced in NCC 2019, Volume 1 Clause J1.2(a) and NCC 2019, Volume 2 Clause 3.12.1.1.
- Thickness and density specifications cover the requirements of the Acceptable forms of Construction for sound insulation according to NCC 2019 Volume 1, Specification F5.2 and NCC 2019 Volume 2, 3.8.6.1.
- Classified as Non-Combustible according to AS/NZS 1530.1, therefore complies with the requirements of NCC Volume 1 C1.9(a) and, wherever a non-combustible insulation material is required according to NCC 2019 Volume 2.
- When tested to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices as required by NCC 2019 Volume 1, clause C1.10 (ix) and Specification C1.10 Clause 7 for insulation materials.
- Complies with the requirements of AS3959 Bushfire Attack Level Low-FZ in walls, floors and ceilings.
- Complies with all state variations to the NCC 2019.

NCC2022

- When correctly specified and installed, the product complies or assists to comply with below NCC clauses and relevant standards.
- Complies with AS/NZS 4859.1 as referenced in NCC 2022 Volume 1 J4D3(1) and ABCB Housing Provisions section 3.12.2(1).
- Classified as non-combustible according to AS/NZS 1530.1, therefore complies with the requirements of NCC clause C2D10 (1).
- When tested to AS/NZS 1530.3 this product does not exceed the Spread of Flame' or "Smoke Developed' indices as required by NCC clause C2D11 (1)(i) and Specification S7C7 for insulation materials other than sarking material.

Health and safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. Refer to Fletcher Insulation SUIIS 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.

Maintenance and conditions of use

- Product should be kept dry, not to be exposed to weather in any condition including prior, during and after installation.
- Product needs to be correctly installed in the right stud width and depth.
- Product should be installed without compression to keep its claimed R.
- If used with any other products except Sisalation, confirmation of suitability must be reviewed.
- Where insulation can be inspected, ensure any tears in the facing are repaired with appropriate tape as highlighted in the product's installation guidelines.
- When product is installed as per the product installation guidelines, no further maintenance is required for this product.

Technical specification

When specifying, please state the following:

The insulation material shall be Fletcher Insulation Pink® EmberGuard™ Building Blanket R _____ m²K/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.

Follow installation guidelines available from www.insulation.com.au for correct installation method.

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