

## **PINK® EMBERGUARD™ BUILDING BLANKET** **NON-COMBUSTIBLE GLASSWOOL EMBER SEAL**

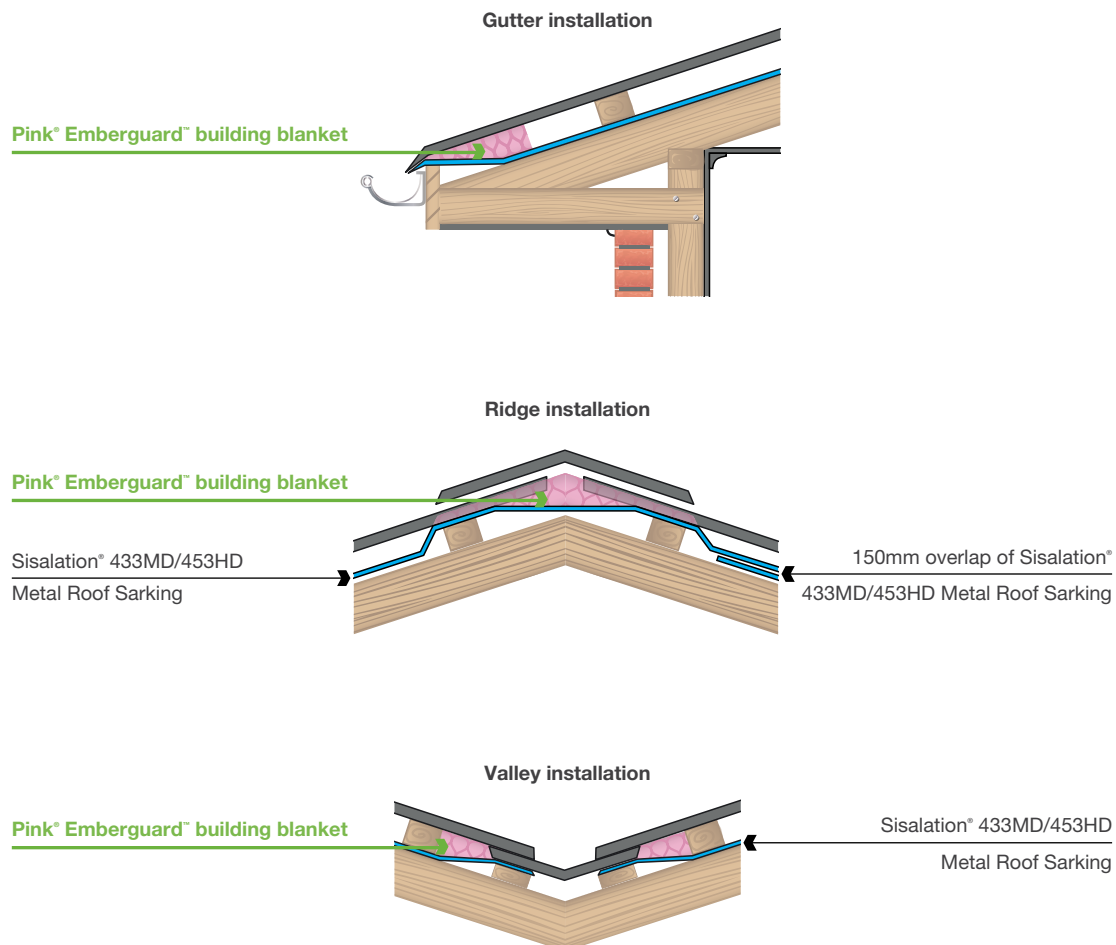
### **Description**

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

### **Application**

Pink® EmberGuard™ Building Blanket is available in a size and density 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. It is a cost effective, regulatory compliant solution providing peace of mind against ember attack.



## Physical Characteristics

Nominal Thickness mm	Width mm	Length m	Batts per pack	Linear m <sup>2</sup> per pack	Product Code
25	300	20	4	80.0	910242

## Physical Properties

Property	Test Method/Standard	Result	Unit
Maximum Service Temperature	ASTMC 411/C447	Glasswool: 350	°C
pH	ASTM C871	9 (does not contribute to the corrosion of steel structures)	
Moisture Absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2	% by volume
Density	ASTM C167	18	Kg/m <sup>3</sup>

## Fire Hazard Properties

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

Property	Test Method/Standard	Result
Combustability	AS/NZS 1530.1	Non-combustible
Early Fire Hazard Indices		
Ignitability Index		0
Spread of Flame Index	AS/NZS 1530.3	0
Heat Evolved Index		0
Smoked Developed Index		1
BAL Compliance	AS 3959	12.5–40

## Health and Safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is safe to use is classified as non-hazardous according to the criteria of Safe Work Australia. Fletcher Insulation glasswool insulation can be used with confidence in any residential, commercial or industrial application.

## 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, state the following:

The insulation material shall be Fletcher Insulation Pink® EmberGuard™ Building Blanket R \_\_\_\_\_ m<sup>2</sup>K/W (Material R-value) \_\_\_\_\_ (thickness) x \_\_\_\_\_ (width) x \_\_\_\_\_ (length) mm. Compliant with the testing requirements and non-combustible according to AS1530.1

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