



# FIRESEAL FZ BATTS

## Introduction

Bradford Fireseal FZ Batt is a specialty designed insulation for fire protection between fire dampers and fire rated section of building.

## Product Description

Bradford Fireseal Fire FZ Batt is an insulation material specially formulated to provide fire protection. Bradford Fireseal Fire Damper Strip is manufactured from a molten mixture of natural rock and recycled blast furnace waste products, bonded with thermosetting resin. The product has remarkable resistance to shrinkage at temperatures encountered in fire conditions. This stability is well beyond that of normal Rockwool or fibreglass insulation materials. The product can be identified by its dark brown appearance.

## Applications

Bradford Fireseal Fire FZ Batts have been is designed for installation in the gap between a fire damper and the fire rated building section in which the damper is mounted. Specifically designed for use in tiled & metal roofs to help prevent the ingress of embers and flames into the roof space in the event of a fire. (See Bushfire Roofing Systems - Design Guide for further details).

## Benefits

- Highly durable insulation product
- Remarkable resistance to shrinkage at high temperatures encountered in fire conditions
- Can be easily cut and formed into shape to fit openings
- Excellent and cost effective fire insulation
- Performance is not adversely effected from contact with water
- Non combustible
- Biosoluble and safe to use product

## Available Facings

The product is available un-faced or aluminium foil encapsulated. Any other applied facings may reduce performance.

## Health and Safety

This product is manufactured from Rockwool. For further information refer MSDS sheet on Bradford website.

## Specifications

Product	Thickness (mm)	Width (mm)	Length (m)	Pieces per Pack	Lineal metres per pack	Product Code
Fireseal FZ Tile Roof batts	100	115	1.2	8	9.6	125083
Fireseal FZ Metal Roof	75	90	1.2	15	18	125084

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## Physical Properties

<b>Density</b>		100 kgs/m <sup>3</sup>
<b>Fusion Temperature</b>		In excess of 650°C
<b>Thermal Conductivity</b>		0.037W/mK at 23°C
<b>Non Combustibility</b>	AS/NZS1530.1:1994	Non-Combustable
<b>Fire Hazard Properties</b>	AS/NZS 1530.3:1999	<ul style="list-style-type: none"><li>• Ignitability: 0</li><li>• Spread of flame 0</li><li>• Heat Evolved 0</li><li>• Smoke Developed 0</li></ul>
<b>Corrosion Resistance</b>	BS 3958 part 5:1969	pH 7.0-9.0; Less than 20ppm soluble chlorides;
<b>Moisture Absorption</b>	When placed in a controlled atmosphere of 50°C and 95% relative humidity for 96 hours.	Less than 0.2% by volume.