



# FIRESEAL PARTY WALL BATT

## Introduction

Bradford Rockwool Fireseal Party Wall Batts are used to provide fire protection in Partywalls or separating walls between adjoining occupancies.

## Product Description

Bradford Fireseal Party Wall Batt is an insulation material specially formulated to provide fire protection. Bradford Fireseal Fire Party Wall Batt 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 Party Wall Batt is designed for installation between the top of a fire resistance level (FRL) party wall and the roofing membrane. Its purpose is to meet the requirements, for fire resistance between adjacent tenancies, as set out in building codes and ordinances. The product can also be used as fireseal between the edge of a floor slab and the façade of a building

Multiple layers must be stacked neatly and should be installed as one unit, however a single layer of Fireseal Party Wall Batt is preferred. Fireseal Party Wall Batts may be stacked to fill cavities up to 255mm in height. The Fireseal Party Wall Batts' original height must be

compressed by a min. of 15% and Bradford does not recommend more than 3 layers to be stacked without adequate support. When a batt is required to be extended in length, a Vee profile cut shall be made to both ends of each batt so to provide a butt joint. Any vertical joints in a stacked batt installation should be staggered. Batt lengths are to be cut so to provide a tight fit in the construction gaps opening width. They must be fitted tightly and accurately, following the profile of the gap.

## Benefits

- Highly durable insulation product
- Remarkable resistance to shrinkage at high temperatures encountered in fire conditions
- Easily fits into standard party wall applications
- Easily cut and formed to fit into tight applications
- 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

Party Wall Batts are available un-faced or aluminium foil encapsulated. Any other applied facings may reduce its performance.

## Health and Safety

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

## SKU Table

Thickness (mm)	Length (mm)	Width (mm)	Pieces per Pack	Nom coverage (sq.m) with 15% compression
100	1500	168	5	0.6375

Standard packaging is polythene bags

**Note:** not all sizes are held in stock. Some are subject to minimum order quantities. Published weights are for product only and do not include packaging.

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## Physical Properties

<b>Density</b>		7.0kg/m <sup>2</sup> at 100mm						
<b>Fusion Temperature</b>		In excess of 1150°C						
<b>Thermal Conductivity</b>		0.037W/mK at 23°C mean temperature.						
<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% relatively humidity for 96 hours.	Less than 0.2% by volume.						
<b>Fire Protection Level</b>		<table border="1"> <thead> <tr> <th>Width of Fireseal (mm)</th> <th>Fire Resistance Level (Single Piece* Installation)</th> </tr> </thead> <tbody> <tr> <td>110</td> <td>- / 120 / 60</td> </tr> <tr> <td>165</td> <td>- / 240 / 120</td> </tr> </tbody> </table>	Width of Fireseal (mm)	Fire Resistance Level (Single Piece* Installation)	110	- / 120 / 60	165	- / 240 / 120
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		110	- / 120 / 60					
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* NB: For multiple piece installation contact CSR Bradford Insulation Technical Team for further information.								
<b>Sample Specification</b>	The insulation material shall be Fireseal Party Wall Batts 100mm thick as manufactured by Bradford Insulation. The Fireseal Party Wall Batt shall be compressed into position with a minimum 15% compression in height, fitted snugly into the cavity. The batts 168mm width may be trimmed down to suit fitment but the batts FRL shall be the same or greater than the adjoining elements structure's FRL.							

FIRESEAL PARTY WALL BATT - DATA SHEET