

# FIRESEAL<sup>TM</sup> CURTAIN WALL BATT

## Introduction

Bradford Rockwool Fireseal Curtain Wall Batts can be used to form a curtain wall to provide up to 2 hours of fire protection.

## Product Description

Bradford Rockwool Fireseal Curtain wall batt is an insulation material specially formulated to provide fire protection. Bradford Fireseal Curtain 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 Curtain wall batt is used to retard the progress of fire between floors of multi story buildings. This material is installed between the edge of the concrete slab and the curtain wall frame in multi storey buildings for effective fire control in these buildings.

The Fireseal Curtain wall batt must be installed compressed by a min. of 10%

## 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 10% compression factor	Lineal meters per pack	Product Code
50	1200	120	18	0.54	21.6	125082

Standard packaging is polythene bags

# FIRESEAL CURTAIN WALL BATT

## Physical Properties

<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% relative humidity for 96 hours.	Less than 0.2% by volume.												
<b>Fire Protection Level</b>		<table border="1"> <thead> <tr> <th>Min Depth of Slab (mm)</th> <th>Thickness of Fireseal Curtain Wall Batt</th> <th>FRL (minutes)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>45</td> <td>-/120/120</td> </tr> <tr> <td>120</td> <td>90</td> <td>-/120/120</td> </tr> <tr> <td>120</td> <td>135</td> <td>-/120/90</td> </tr> </tbody> </table>	Min Depth of Slab (mm)	Thickness of Fireseal Curtain Wall Batt	FRL (minutes)	120	45	-/120/120	120	90	-/120/120	120	135	-/120/90
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<b>Sample Specification</b>	The insulation material shall be Fireseal Curtain Wall Batt thick as supplied by Bradford Insulation. The Fireseal Curtain Wall Batt shall be compressed into position with a minimum 10% compression in height, fitted snugly into the cavity.													

## Typical Curtain Wall Installation

