



FIRESEAL DAMPER STRIP

Introduction

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

Product Description

Bradford Fireseal Fire Damper Strip 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 Damper Strip is designed for installation in the gap between a fire damper and the fire rated building section in which the damper is mounted.

The Fireseal Fire Damper Strips must be installed compressed by a min. of 15%

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.

SKU Table

Facing	Thickness (mm)	Length (mm)	Width (mm)	Pieces per Pack	Nom coverage (sq.m) with 15% compression factor
None	13	750	225	60	0.49725
Alfoil encapsulated	13	750	225	60	0.49725

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

Fusion Temperature		In excess of 1160°C						
Thermal Conductivity	Based on measurements obtained with guarded hot-plate apparatus in accordance with BS874-1973	0.034W/mK at 20°C at mean temperature.						
Non Combustibility	AS/NZS1530.1:1994	Non-Combustable						
Fire Hazard Properties	AS/NZS 1530.3:1999	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame 0 • Heat Evolved 0 • Smoke Developed 0 						
Fire Protection Level		<table border="1"> <thead> <tr> <th>Width of Fireseal (mm)</th> <th>Fire Resistance Level (Single Piece* Insulation)</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* Insulation)	110	- / 120 / 60	165	- / 240 / 120
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		110	- / 120 / 60					
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* NB: For multiple pieces of insulation contact CSR Bradford Technical Team for further information.								
Corrosion Resistance	BS 3958 part 5- 1969	pH 7.0-9.0; Less than 20ppm soluble chlorides; Incapable of corroding steel						
Moisture Absorption	When placed in a controlled atmosphere of 50°C and 95% relative humidity for 96 hours.	Less than 0.2% by volume.						
Sample Specification		Install Bradford Fire Seal Damper Strip in accordance with manufacturers written installation instructions. The compressed height of the Fire Seal Damper Strip when placed in a joint should not be more than 85% of their original height before insertion into the joint and should not exceed 85mm. The density of the Bradford Rockwool Fireseal (or Maritime FR) used as a fire-stopping gasket should not be less than 60kg/m ³ .						