

FIRESEAL PARTY WALL SEGMENT

INTRODUCTION

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

PRODUCT DESCRIPTION

Bradford Fireseal Party Wall Segment is an insulation material specially formulated to provide fire protection. Bradford Fireseal Fire Party Wall Segment 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 Glasswool insulation materials. The product can be identified by its dark brown appearance.

BENEFITS

- Highly durable insulation product
- Remarkable resistance to shrinkage at high temperatures encountered in fire conditions
- Easily cut and formed to fit into tight applications
- Excellent and cost effective fire insulation
- Performance is not adversely affected from contact with water
- Non combustible
- Biosoluble and safe to use product

AVAILABLE FACINGS

Party Wall Segments are available un-faced. Any other applied facings may reduce its performance.

HEALTH AND SAFETY

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



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APPLICATIONS

Bradford Fireseal Party Wall Segment is designed for installation in Party Wall vertical joints applications only, maintaining 10% compression. Its purpose is to meet the requirements for fire resistance between adjacent tenancies, as set out in building codes and ordinances.

Multiple layers must be stacked neatly and should be installed as one unit, however a single layer of Fireseal Party Wall Segment is preferred. Fireseal Party Wall Segments may be stacked to fill cavities up to 255mm in height. The Fireseal Party Wall Segments' original height must be compressed by a min. of 10% and Bradford does not recommend more than 3 layers to be stacked without adequate support. When a segment is required to be extended in length, a Vee profile cut shall be made to both ends of each segment so to provide a butt joint. Any vertical joints in a stacked segment installation should be staggered. Segment 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.



SKU TABLE

Thickness (mm)	Length (mm)	Width (mm)	Rolls per Pack	Nom coverage (sq.m) per pack	Lineal meters per pack	Product Code
100	1200	168	5	1.08	6	119161

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.

PHYSICAL PROPERTIES

DENSITY		70kg/m ³
FUSION TEMPERATURE		In excess of 1150°C
THERMAL CONDUCTIVITY		0.037W/mK at 23°C 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
CORROSION RESISTANCE	BS 3958 part 5- 1969	pH 7.0-9.0; Less than 20ppm soluble chlorides;
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	The insulation material shall be Fireseal Party Wall Segments 100mm thick as supplied by Bradford Insulation. The Fireseal Party Wall Segment shall be compressed into position with a minimum 10% compression in height, fitted snugly into the cavity. The segments 168mm width may be trimmed down to suit fitment but the segments FRL shall be the same or greater than the adjoining elements structure's FRL.	