



Pyromas A Intumescent acrylic sealant

Pyromas A is an intumescent sealant system combining water-based acrylic emulsion with fillers to provide high levels of fire resistance in a range of building applications.

The one-part sealant is solvent free and when subjected to fire, its chemical reaction forms a safe, inorganic meringue which provides proven fire sealing in building joints incorporating concrete, wood and metal.

The intumesced product provides fire sealing in building joints up to 35mm wide.

Features

- Effective, slump-free sealing in joints up to 35mm wide
- Up to 4 hours proven fire resistance when installed correctly
- Permanent sealing for all low-movement, dry lining and partitions/joints
- Easily smoothed to a good surface finish
- Can be painted after curing
- Supplied in 310ml cartridges to fit standard mastic guns or 600ml sausages

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Performance

Fire resistance tests have been conducted to BS476: Part 20: 1987 achieving 4 hours fire resistance in gaps up to 35mm wide. Tests were conducted between a number of substrates including Hardwood, Softwood, Steel, Concrete, Vermiculite Board and Aerated Concrete. Pyromas A shows good resistance to a wide range of commonly found chemicals. Care must be taken to avoid prolonged contact with hydrocarbon based products.

Applications

Pyromas A is suitable as a permanent fire seal in low movement joints, door frame to wall gaps, dry lining and partitions.

Construction

Joints in structures should be dry, clean, and free of powder or dust.

Pyromas A should be inserted to the correct depth to ensure the necessary fire performance.

To improve surface finish, smooth with a spatula. Cured sealant can be overpainted.

Packaging

Pyromas A is supplied in 310ml cartridges to fit standard skeleton mastic guns. Box quantities are 25 per box.

Physical Data

Colours: White, Brown & Grey
Storage Temp: +5° to +25°C
Reaction Temp: 120°C
Application Temp: +5° to +30°C
Volume Expansion: 150%
Tack Free Time: 10-60 minutes (depending on conditions)
Shelf life: 12 months
Joint movement: +/- 10%

ESTIMATING QUANTITIES

To calculate the required number of cartridges required to fill a gap use the following equation:
 $W \times D \times L = N$
 $\div 310 = \text{Number of cartridges.}$
W = Width of gap in mm. D = Depth of gap in mm.
L = Length of gap in mtrs. N = Volume required.



Ordering

All Mann McGowan products can be ordered directly from our sales team on:
+44 (0) 1252 333601
or by email:
sales@mannmccgowan.co.uk

Technical Services

Mann McGowan can advise on the use and application of any of our products. We can also provide presentations or attend site surveys at your request.

Our quality management system is registered in accordance with ISO 9002 by SGS Ltd.

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Intumescent Fire Smoke & Acoustic Seals

Mann McGowan Unit 4, Brook Trading Estate, Deadbrook Lane, Aldershot, Hampshire GU12 4XB England
Telephone: Aldershot +44 (0)1252 333601 • Fax: Aldershot +44 (0)1252 322724 • Email: sales@mannmccgowan.co.uk

www.mannmccgowan.co.uk