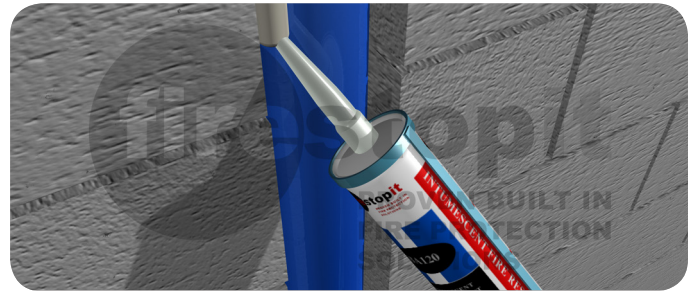


Product name	BA120® Intumescent Sealant
Product Code	FS310CWBA
Revision Date	25/05/09
Revision number	01
Ref	PDS BA120



INTRODUCTION

Firestopit BA120® Intumescent acrylic Sealant is a one part, intumescent acrylic emulsion. It is designed to resist the passage of fire and smoke. The sealant will intumesce and form a char when exposed to the heat of a fire that prevents the passage of fire and smoke.

BA120® Intumescent Acrylic Sealant does not emit halogenated by-products under fire conditions, and contains no raw materials known to have an estrogenic effect in the environment. It has good unprimed adhesion to a wide variety of common building substrates.

The advantages of BA120® Intumescent acrylic Sealant are as follows:

- High performance 5 hour fire rating – tested to EN1366-4.
- Joint movement capability of +/- 10%
- Advanced intumescent formulation.
- Halogen free. Resists fungi and vermin.
- Ease of use.



SPECIFICATION

Packaging	310ml Cartridges / 600ml foils
Colour	White, Grey or Brown
Slump	5mm after 1hr in 30mm joints
Shrinkage	Approximately 12%
Cure Rate	3mm per day at 50% relative humidity 23°C
Shore A Hardness	50
Application Temperature	+5°C to +30°C
Tack Free	15 minutes 23°C, 50% RH
Water Resistance	Good when fully cured
UV Resistance	Good
Joint Movement	+/- 10% of original joint size



PERFORMANCE

Joint Size Width x Depth	Backing	Joint Configuration	Integrity Rating (mins)	Insulation Rating (mins)	Linear Metres per Cartridge
6mm x 10mm	PE Foam/MMF	Single Seal	120	30	5.2
6mm x 10mm	PE Foam/MMF	Dual Seal	240	240	2.6
10mm x 10mm	PE Foam/MMF	Single Seal	120	30	3.1
10mm x 10mm	PE Foam/MMF	Dual Seal	240	240	1.55
15mm x 10mm	PE Foam/MMF	Single Seal	120	30	2.1
15mm x 10mm	PE Foam/MMF	Dual Seal	240	240	1.05
20mm x 10mm	PE Foam/MMF	Single Seal	120	30	1.5
20mm x 10mm	PE Foam/MMF	Dual Seal	240	240	0.75
25mm x 10mm	PE Foam/MMF	Single Seal	120	30	1.2
25mm x 10mm	PE Foam/MMF	Dual Seal	240	240	0.6

PE Foam	Closed Cell polyethylene backer rod (nominal density 35kg/m ³)
MMF	Mineral fibre >90kg/m ³ density
	The fire ratings have been achieved through testing according to BS 476 Part 20 & 22/1987 and are specific to the conditions of test. They do, however, provide a good indication of the expected performance of the sealant in fire situations. Testing of a particular system may be required. To achieve a specific fire rating, all substrates being used in the system must have an equivalent fire rating.



INSTALLATION

Installation details and technical support are available from Firestopit technical department or on the internet at www.firestopit.com

- Clean all joint free from dust, oil and grease.
- Masking surrounding surfaces if necessary
- Ensure gap is filled using one of the shown backing materials.
- Fill gap to the required depth, tool off for a smooth finish.
- Minimum depth to be 6mm.

For further information see Installation Manual.



COMPLIANCE

BA120® Intumescent Sealant is manufactured in the EU, meeting the highest quality standard in compliance with BS EN ISO 9001:2008. For fire test information please contact Firestopit technical department.
CERTIFIRE No. CF517



STORAGE AND DISPOSAL

BA120® Sealant is not affected by an outdoor environment. However, for long term storage and ease of installation, it is recommended that it should be stored indoors ideally in dry frost free conditions below +30°C. For health and safety details refer to Firestopit technical Department.



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