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Graphite - BD-IG2



Product Specification

UIC	BD-IG2
Internal Ref	Intumescent Graphite sealant HPE
Colour Guide	Grey
Size	310ml, 600ml
Box Quantity	12,15,25
Cure Rate	1.7mm Per Day
Tack Free	15 mins at 25°C, 50% RH
Shelf Life	18 Months
Tested for use with	PP, PE, PVC, ABS, PEX (Multi Layer) Metallic + Pipe Insulation
	Cables up to 80mm Diameter, Cable Trays, Ladders and Cable Bunches, Plastic Conduit
Application Conditioning	-5°C—70°C 85% RH



Installation

Ensure the opening and any substrate which the product will come into contact with is clean, free from dust, loose particles, oil and grease.

Stone wool (min 80kg/m³) or PE backing rod can be used as a backing materials.

Sealant should be applied around the service, see TDS.

Installation – See TDS for specific service and substrate.

The sealant can be tooled and smoothed over with a pallet knife using water.

All dimensions and tolerances should be in line with the recommended guidelines as dictated by the relevant test data and assessments.



**** FURTHER INFORMATION CAN BE FOUND ON THE TDS ****

BD-IG2® Intumescent Graphite seal

BD-IG2® HPE (High Pressure Exerting) is a graphite based product which when exposed to fire, expands protecting penetrations including cables, cable bunches and cable trays, plastic and metallic pipes, having the ability to close down insulation. BD-IG2® HPE maintains the integrity and insulation performance of the seal through flexible walls, rigid walls and floors. Tested in conjunction with the BD-B50® Batt System.

BD-IG2® HPE is supplied in 310ml rigid cartridge, 600ml foil and pails format, for application with an applicator gun or trowel; it has excellent non slump properties coupled with ease of application due to its water based nature.

The sealant is intended for use in service penetrations through walls and floors where fire integrity and insulation needs to be preserved. Under fire conditions the product swells and exerts pressure to the surrounding substrates leading to closure of the penetration. The integrity and insulation is then maintained by the stability of the remaining product char.



APPROVED
CF5127



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وبيوت الخبرة ومساعد التدريب



1121

FSi Limited
Westminster Industrial Estate
Tamworth Road
Measham
DE12 7DS, UK
14
1121-CPR-JA5023

ETA-14/0044
ETAG 026 – Part 1
ETAG 026 – Part 2
PYROPRO HPE SEALANT

“see ETA-14/0044 for relevant characteristics”

Test Data

CE Marked	Certifire CF 5127	EN 1026 to 600Pa
EN 1366-3 EI30, EI60, EI90, EI120	EN 1366-4 EI30, EI60, EI90, EI120	EN 13501-2
UL-EU Listed	EN 10140 to 63dB	EN 1366-1 ES3-, ES60, ES90, ES120

TECHNICAL HANDBOOK



Blue Diamond Fire Protection
Al Quoz -1, P.O.Box: 25468
Dubai - UAE



Tel: +971 4 340 3700
Fax: +971 4 340 5122
Email: bluedbc@eim.ae
www.bluediamondfireprotection.com





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FIRE PROTECTION

www.bluediamondfireprotection.com

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Al Quoz -1, P.O.Box: 25468

Dubai - UAE

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