

QUELSTOP CE MARKED INTUMESCENT HPE GRAPHITE SEALANT

QuelStop Intumescent HPE Graphite Sealant is a high expansion intumescent acrylic based graphite sealant used to maintain the fire rating of walls and floors where they have been penetrated by services as part of the QuelStop Fire Batt System or direct to the substrate.



QuelStop Intumescent HPE Graphite Sealant cartridges



QuelStop Intumescent HPE Graphite Sealant used around service penetrations through walls



QuelStop Intumescent HPE Graphite Sealant used around service penetrations through floors

FEATURES & BENEFITS

- Up to 4 hour fire rating (EI240)
- CE Marked
- Suitable for use in flexible walls, rigid walls and floors
- Suitable for use in QuelStop Fire Batts
- Suitable for use around cables, cable bunches, cable trays and cable ladders
- Suitable for use around plastic pipes, metallic pipes and insulated non-combustible pipes
- Suitable to use with Lubrizol CPVC piping systems and materials, such as FlowGuard® pipe and fittings and BlazeMaster® fire sprinkler systems
- Suitable to use with Spears® CPVC Products, such as FlameGuard®, LabWaste® and EverTuff®

STANDARDS & APPROVALS

- Fire resistance testing to BS EN 1366-3
- Fire resistance testing to BS EN 1366-4
- Classified to EN 13501-2
- CE Marked
- FBC™ System Compatible
- Spears® product compatible



The Warringtonfire Logo displayed is the trademark of Warringtonfire registered in the United Kingdom. The Warringtonfire Logo is evidence that the products denoted as 'Tested by Warringtonfire' were tested to BSEN 1366-3: 2009 in England between 22nd September 2015 and 9th December 2022.



This product is CE Marked.



FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan® and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.



Tested and evaluated by Spears® for acceptable use with Spears® CPVC Products including FlameGuard®, LabWaste® and EverTuff®.

APPLICATION

QuelStop CE Marked HPE Graphite Sealant may be used for sealing around services such as cable, cable bundles, trays, ladders, combustible pipes, combustible insulations, either as part of a seal directly within the wall or floor substrate or as part of a QuelStop Fire Batt Seal.



QuelStop Intumescent HPE Graphite Sealant used in conjunction with QuelStop Fire Batt around service penetrations through walls



QuelStop Intumescent HPE Graphite Sealant used in conjunction with QuelStop Fire Batt around service penetrations through floors

INSTALLATION

All surfaces must be clean and free of any bond breaking contamination prior to application of the sealant.

The sealant should not be applied if the ambient temperature is below 5°C or above 35°C, as the adhesion may be impaired.

The QuelStop Intumescent HPE Graphite Sealant should be installed to the correct annulus and depth which depends on the penetrating services / material specification. The total annular space should be filled with compacted QuelStop HPE Sealant which is applied through the use of a standard sealant gun and once applied should be lightly compacted and smoothed off with a spatula to produce a professional and neat finish.

For full details on application and installation, refer to all available documentation, installation details and the Quelfire Technical team.

SIZES

 310ml cartridge (25 per box)

ADDITIONAL DATA

Density	Ca. 1.23 – 1.33g/cm ³
Shore Hardness A	68
Colour	Black
Expansion Temperature	Ca. 180°C
Expansion Pressure	7 bar
Expansion	Up to 20 times
Skin Time	15 minutes at 25°C / 50% Relative Humidity
Cure Time	1.7mm per 24 hrs
Shelf Life	18 months unopened
pH	06 - 09
Air Permeability	600Pa – 100Pa 11.1/16.7 m ³ /h/m ²
Acoustics	Rw(C;Ctr): 52 (-1;-6) dB
Durability	Type Z ¹ , intended for use in internal conditions

PACKAGING AND STORAGE

QuelStop HPE Graphite Sealant is supplied in disposable cartridges, packaged in cardboard boxes and must be stored in ventilated, cool and dry conditions.

Recommended temperature ranges for storage and application are between +5 °C and +35 °C.

HEALTH & SAFETY

QuelStop HPE Graphite Sealant should be handled and applied wearing appropriate protective clothing, including gloves, dust mask, safety glasses, to guard against dust inhalation, eye and skin irritation.

For further information, please refer to the Material Safety Data Sheet, available on request.

Technical Support & Guidance:

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: **0161 928 7308**. Email: technical@quelfire.co.uk

Please be aware that this document is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines.

Use of alternative components or deviations from the instructions in any way is likely to mean that the installation will not comply with the assessed rating.

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