

Bostik FP311 Intumescent Graphite

FIRE RETARDANT INTUMESCENT SEALING COMPOUND



Product Description

Bostik FP311 Intumescent Graphite is a high specification formulation designed to prevent the spread of fire, smoke and gasses through openings in fire rated walls and floors. Bostik FP311 Intumescent Graphite is a single component, waterbased, fire retardant sealing compound which contains a high concentration of heat expanding graphite material. Bostik FP311 Intumescent Graphite expands when it is subjected to fire and closes openings around combustible pipes (e.g. PVC) or metal pipes fitted with combustible insulation. Thermal activation takes place at 150°C when the material will intumesce to prevent the spread of fire, smoke and gases through openings up to 4 hours. Bostik FP311 Intumescent Graphite offers a very good sound insulation. Available on request: - Material safety data sheet - Installation Instructions Bostik FP311 Intumescent Graphite - ETA 19/0395

Benefits

- CE-marked
- Easy to apply
- Up to 4-hour fire resistance
- High sound insulation
- Low emission - environmentally and user friendly
- Certified to the latest European standards EN 1366-3
- CE Marked to ETAG 026 part 2
- Classified in most constructions for plastic pipes and cables

- Suitable for most surfaces, included concrete, bricks, steel, wood, gypsum, PVC and most non-porous surfaces
- No priming necessary for application to most materials
- Fire resistance up to 4 hour
- High sound insulation
- Easy to apply
- Fast curing, tack free after 1 hour
- Complies with requirements of M1 Protocol
- Emicode EC1 Plus
- A+ French VOC Regulation
- 18 months storage time (under correct conditions)
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Applications

Bostik FP311 Intumescent Graphite is designed to close off large voids left by plastic pipes and combustible insulation as they melt and burn gaps and fire seal difficult services which traditional fire rated mastics do not achieve. Bostik FP311 Intumescent Graphite can be used with a suitable filling material, i.e. stone wool or Bostik backing material in order to ensure the correct width to depth ratio and to reduce the shrinkage of the sealant during curing.

Directions Of Use

Before applying Bostik FP311 Intumescent Graphite ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved. Fill the gap or joint with Bostik FP311 Intumescent Graphite to the required depth. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft. Before application consult the installation instructions and ETA to ensure to achieve the intended fire resistance.

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Additional information

Application temperature		+4°C to +30°C
Base		Water based graphite filler
Curing time		3 to 5 days depending on thickness and temperature
Density		Approx. 1.55 g/ml
Joint movement	ISO 11600	12.5%
Skin formation		Max. 30 minutes

These are typical values

Limitations

- Suitable for single service penetrations only
- Should not be used in permanently damp areas
- Should not be used in joints with high movement.
- Suitable for use with most materials, but should not be used in direct contact with bituminous materials

Surface Preparations and Finishing

Paintability

Paintable with most water based and alkyd paints.

Cleaning

Colour(s)

- Anthracite

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

Store in unopened packaging in dry conditions between +5 and +30 °C. Shelf life 18 months after production. Has a limited shelf life once the cartridge has been opened.

Certifications

	A+ French VOC Regulation
	Emicode EC1 Plus
	EN 1366-3

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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