

Bostik FP310 Intumescent Acoustic Acrylic FIRE RETARDANT INTUMESCENT SEALANT



Product Description

Bostik FP310 Intumescent Acoustic Acrylic is a fire rated single component acrylic sealant specially designed for fire sealing. Bostik FP310 Intumescent Acoustic Acrylic expands when heated and produces an efficient seal against fire, smoke and gas. When subjected to atmospheric conditions, the sealant cures and will retain a degree of elasticity for joint movement. Thermal activation takes place at approx. 180°C when the material will expand. Under fire exposure, Bostik FP310 Intumescent Acoustic Acrylic creates a robust fire seal by the formation of a durable intumescent char and prevent the passage of fire and smoke for periods up to 4 hours. Bostik FP310 Intumescent Acoustic Acrylic offers a very good sound insulation. Available on request: - Material safety data sheet - Installation Instructions Bostik FP 310 Intumescent Acoustic Acrylic - ETA 19/0396 & ETA 19/0397

Benefits

- CE-marked
- Excellent application and finishing
- Up to 4-hour fire resistance
- Very high sound insulation
- Low emissions - environmentally and user friendly
- Certified to the latest European standards EN 1366-3 and EN 1366-4
- CE Marked to ETAG 026 part 2 & 3
- Fire resistance up to 4 hour

- Joint movement up to 12,5%
- Easy to apply with a smooth surface finish
- Paintable with most water based and alkyd paints
- Easy to clean
- Hardens quickly, tack free after 1 hour
- A+ French VOC Regulation
- Complies with requirements of M1 Protocol
- Emission EC1 Plus
- 18 months storage time (under correct conditions)

Applications

Bostik FP310 Intumescent Acoustic Acrylic is designed to prevent the spread of fire and smoke through joints and openings in fire rated walls and floors including openings formed around building service penetrations. Bostik FP310 Intumescent Acoustic Acrylic will also maintain the acoustic design performance in walls and floors. Suitable for most surfaces, included concrete, masonry, steel, gypsum board, plastics and most non-porous surfaces. The product can be applied in combination with, for example, Bostik FP330 Pipe Collars, Bostik 340Pipe Wraps and Bostik FP320 Fire Batts.

Directions Of Use

Before applying Bostik FP310 Intumescent Acrylic ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Bostik FP310 Intumescent Acrylic diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage. Bostik FP310 Intumescent Acrylic can be used with a suitable filling material i.e. stone wool or Bostik backing material in order to secure correct width to depth ratio, and to reduce the shrinking of the sealant during curing. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved (minimum depths and maximum width of joints are included in the installation instructions). Fill the gap or joint with Bostik FP310 Intumescent Acrylic to the required depth. Apply the sealant generously to prevent air bubbles. Finish the seal with a moist spatula or brush. Bostik FP310 Intumescent Acrylic can be over-painted with most water based and alkyd paints. Tools should be cleaned after use with water. Hands can be cleaned with water and

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22-10-2024
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soap. Before application consult the installation instructions and ETAs to ensure to achieve the intended fire resistance.

Additional information

Application temperature		5°C to +30°C
Base		Acrylic dispersion
Curing time		3 to 5 days depending on thickness and temperature
Density	ISO 1183-1	1.58 g/ml
Fire rating		EN 1366-3
Skin formation		Max. 25 minutes

These are typical values

Limitations

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

Surface Preparations and Finishing

Cleaning

Colour(s)

- White

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life is up to 18 months from production date, stored in a dry place.

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Certifications

	EN 1366-3 EN 1366-4:2006+A1:2010
	A+ French VOC Regulation
	Emicode EC1 Plus

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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