

Bostik FP401 Fireseal Acrylic

HIGH QUALITY FIRE RESISTANT ACRYLIC SEALANT



Product Description

Bostik Bostik FP401 Fireseal Acrylic is a 1-component fire resistant sealant based on acrylic dispersion. Bostik Bostik FP401 Fireseal Acrylic is a plasto elastic sealant which is slightly intumescent above +120°C and is suitable for up to 4 hours of fire resistant sealing of linear joints.

Benefits

- Tested according to EN 1366-4
- Up to 4 hours fire resistance
- Can be applied separately in joints up to 20 mm wide
- Can be combined with FP404 PU Gun Foam up to 30 mm wide
- Paintable with most water based and synthetic paints
- Easy to apply and clean
- Joint movement up to 7,5%
- Non corrosive towards metals

Applications

Bostik Bostik FP401 Fireseal Acrylic was specifically developed for fire resistant sealing of linear connection joints in gypsum and stony substrates. Fire resistance tested according to EN 1366-4 up to +120 minutes in a 20 mm wide gap. Combined with Bostik FP404 Fire Retardant PU Gun Foam up to 180 minutes in a gap of 30mm wide. Ensure that you choose the correct fire resistance for your application by consulting the classification and test reports.

Bostik Benelux B.V

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Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

Additional information

100 % modulus	DIN 53504 S2	0,25 N/mm ²
Application rate	@ Ø4 mm/4 bar	580 g/min
Application temperature		+5°C to +40°C
Base		Acrylic dispersion
Curing time	@ +23°C/50% RH	1mm/24 hours
Density	ISO 1183-1	1,60 g/ml
Elongation at break	DIN 53505/ ISO 868	300%
Fire rating		EN 1366-4
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		7,5 %
Open time	@ +23°C/50% RH	5-10 minutes
Shorea hardness	DIN 53505	20
Skin formation	DBTM 16	6 minutes @ +23°C/50% RH
Temperature resistance		-20°C to +75°C
Tensile strength	DIN 53504	0,11 N/mm ²

These are typical values

Limitations

- Not suitable for continuous exposure to water

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- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be absolutely dry. Very porous substrates like: gypsum, aerated concrete, limestone, etc need to be primed with a mixture of 1 part Bostik FP401 Fireseal Acrylic and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

Paintability

Bostik FP401 Fireseal Acrylic is paintable when fully dry. During curing product will show shrinkage, which can cause cracking of the paint. We recommend testing compatibility with paint prior to application.

Cleaning

Tools should be cleaned after use with water. Hands can be cleaned with Bostik Wipes and/or water and soap. Cured material can only be mechanically removed.

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.

Certifications

	EN 15651-1: F-EXT-INT 7.5P
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	EMICODE EC1 Plus – very low emission
	A+ French VOC Regulation
	EN 1366-4:2006+A1:2010

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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