

## Bostik Bostik FP403 Fireseal Hybrid

### HIGH QUALITY FIRE RESISTANT FLEXIBLE AND PAINTABLE HYBRID SEALANT



#### Product Description

Bostik FP403 Fireseal Hybrid is a fire retardant, elastic and paintable hybrid sealant. Bostik Bostik FP403 Fireseal Hybrid is fire resistant for up to 4 hours in linear (movement) joints. Absorbs up to 25% of movement.

#### Benefits

- Tested according to EN 1366-4
- Up to 4 hours of fire resistance
- Also suitable for wall/ceiling and wall/floor connections
- Suitable for joints up to 30 mm wide
- Certified for steel/wooden frames
- Certified for all metal-stud connections
- Excellent processing and easy toolability
- Joint movement up to 25%
- Paintable with most water based and synthetic paints
- Non corrosive towards metals
- Resistant to UV, water and weather

#### Applications

Bostik FP403 Fireseal Hybrid was specifically developed for fire resistant sealing of connection and expansion joints in construction, which in case of fire, should have a certain fire resistance and prevents spreading of fire, smoke and toxic gases. Also certified for

horizontal joints, connection floor/ceiling with wall, wooden and steel frames, stony substrates and all metal-stud applications.

Fire resistance tested according to EN 1366-4 for up to 240 minutes in a joint of 30 mm wide.

Choose the correct fire resistance for your application by consulting the classification and test reports.

#### 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 10mm is 1:1, with a minimum of 5mm in width and depth. For joints wider than 10mm, the depth is the width divided by 3 plus 6mm.

#### Additional information

100 % modulus	DIN 53504 S2	0,49 N/mm <sup>2</sup>
Application rate	@ Ø2,5 mm/6,3 bar	115 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	Approximately 2-3 mm/24 hours
Density	ISO 1183-1	1,48 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	24
Skin formation	DBTM 10.00	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	0,96 N/mm <sup>2</sup>

*These are typical values*

#### Bostik Benelux B.V

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#### Limitations

- 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. Clean substrates with Bostik Cleaner. Bostik Bostik FP403 Fireseal Hybrid adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Primer. Always test adhesion prior to application. Use Bostik Finisher to smoothen the joint.

#### Paintability

Bostik FP403 Fireseal Hybrid is paintable with water based and synthetic paints. 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)

- Concrete Grey
- White

#### Packaging

- Cartridge




*For product specifications, please refer to the Product Detail Page*

#### Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

#### Certifications

	EN 1366-4:2006+A1:2010
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	Emicode EC1 Plus
	EN 15651-1: F-EXT-INT-CC 20HM EN 15651-2: G-CC 25LM
	A+ French VOC Regulation

#### 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.

#### Disclaimer

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