



FP403

FIRESEAL HYBRID

HIGH QUALITY FIRE RESISTANT FLEXIBLE AND PAINTABLE HYBRID SEALANT

TECHNICAL DATA SHEET

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

PRODUCT DESCRIPTION

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

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 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.



TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,49 N/mm ²
Application rate	@ Ø 4 mm/4 bar	115 g/min
Application temperature		+5°C to +40°C
Base		Hybride
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,48 g/ml
Elongation at break	DIN 53505/ ISO 868	350%
Flow	ISO 7390	< 2 mm
Joint movement		25%
Shore A hardness	DIN 53505	24
Skin formation	DBTM 10.00	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	0,96 N/mm ²

These values are typical properties and may vary +/-3%

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 T100 UNIVERSAL CLEANER**. **Bostik FP403 FIRESEAL HYBRID** adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with **Bostik T300 UNIVERSAL 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 T150 CLEANING WIPES** and/or water and soap. Cured material can only be mechanically removed.

COLOUR(S)

- White
- Concrete Grey

PACKAGING

- 290 ml cartridges, 12 per box

For product specifications, please refer to the Online 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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HEALTH & SAFETY

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

CERTIFICATIONS

- EN 1366-4
- EN 15651-1: F-EXT-INT-CC 25HM
- EN 15651-2: G- CC 25HM
- A+ French VOC Regulation

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