



## Benefits

- Tested according to EN 1366-4
- Up to 4 hours of fire resistance
- Can be applied in joints up to 30mm wide
- In combination with Zwaluw FP PU Foam in joints up to 40 mm wide
- Excellent processing, does not slump
- Joint movement up to 25%
- Good resistance to UV, water and weather
- Airtight sealing
- For external use
- Fire Behaviour: B1

Bostik Hybrid Sealant is a fire retardant, elastic, neutral curing silicone sealant. Bostik Hybrid Sealant has a fire resistance up to 4 hours in linear (movement) joints. Absorbs movements up to 25%.

**Colour** White

## Application

Bostik FR Hybrid Sealant has been specially developed for fire resistant sealing of connection and expansion joints in constructions, and should have a certain fire resistance in case of fire. Prevents the expansion fire, smoke or toxic gases. Fire resistance tested according to EN 1366-4 up to 240 minutes in a gap of 30 mm wide. Combined with Zwaluw FP® PU Foam up to 180 minutes in a gap of 40mm wide. Ensure that you 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 till 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 6 mm.

## Limitations

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

## 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.

## Additional Information

100% Modulus	DIN 53504 S2	0.49 N/mm <sup>2</sup>
Application Rate	@ Ø4 mm/4 bar	115 g/min
Application Temperature		+5°C to +40°C
Base		Hybride
Flow	ISO 7390	<2mm
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	3.5
Tensile Strength	DIN 53504 S2	0.96 N/mm <sup>2</sup>
Skin Formation	DBTM 10	10 minutes @ +23°C/50% RH
Shore A Hardness	DIN 53505	24
Temperature Resistance		-40°C to +120°C
Joint movement		25%

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

## 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.

## Health & Safety

Safety data sheet (MSDS) must be read and understood before use of product. These are available on request.

