

## Bostik FP404 Fire Retardent PU Gun Foam FIRE RETARDENT POLYURETHAN GUN FOAM



### Product Description

Bostik FP404 FIRE RETARDENT PU GUN FOAM is a 1-component fire resistant polyurethane foam which offers a fire resistance of up to 120 minutes. In combination with other Bostik FireProtect® products Bostik FP404 FIRE RETARDENT PU GUN FOAM reaches up to 240 minutes of fire resistance! Professional polyurethane fills and fixes foam with a structure of fine cells. High thermal and acoustic insulation.

### Benefits

- Tested according to EN 1366-4
- For use in joints from 5 mm to 30 mm wide
- Combined with Bostik FP402 FIRESEAL SILICONE in joints from 5 mm to 40 mm wide
- Separately applied, fire resistant up to 2 hours, combined with other Bostik FireProtect® products up to 4 hours
- Fire behaviour B1
- Fast processing
- Tack free after 8 to 12 minutes

### Applications

Bostik FP404 FIRE RETARDENT PU GUN FOAM was specifically developed for fire resistant sealing and filling of joints and seams in certain areas where fire resistance is required. Fire resistance tested according to EN 1366-4 up to 60 minutes in a 20 mm wide gap. In combination with Bostik FP402 FIRESEAL SILICONE, Bostik FP404

FIRE RETARDENT PU GUN FOAM will provide up to 180 minutes fire resistance in a 40 mm wide gap. In combination with Bostik FP403 FIRESEAL HYBRID, Bostik FP404 FIRE RETARDENT PU GUN FOAM will provide up to 240 minutes fire resistance in a 40 mm wide gap. Ensure that you choose the correct fire resistance for your application by consulting the classification and test reports.

### Directions Of Use

Canister temperature: + 5°C to + 30°C (although +15°C to + 25°C is recommended) Application temperature (applies to environment and substrates): + 5°C to + 35°C (recommended + 15°C to + 25°C). Hold the canister with the valve turned upwards and affix an applicator gun with NBS thread to the canister. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 30 times. Turn canister upside down and apply the foam. To regulate the flow of the foam, loosen the valve at the back of the handle. Half fill the cavity and, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. Protect eyes, wear gloves and protective gear. Floorcovering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4cm should be filled in multiple layers. Wait 15-30 minutes between applications. Before each application lightly spray with water. Only use in well ventilated areas. Store canister upright between + 5°C and + 25°C. Pressurized container! Protect from sunlight and do not expose to temperatures exceeding + 50°C. Do not pierce or burn, even after use. Contains flammable propellants. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking.

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### FIRE RETARDENT POLYURETHAN GUN FOAM

#### Additional information

Application temperature		+5°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80-100 minutes
Cutting time	EN 17333-3	20-40 minutes
Density		15-20 kg/m <sup>3</sup>
Fire behaviour	DIN 4102-1	B1
Joint sound insulation		61db
Tack free time	EN 17333-3	8-12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30-35 mW/m.K
Total foam yield	EN 17333-1	750 ml = 40-45 liter

*These are typical values*

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load. Not suitable for use (eg filling) in cavities with insufficient moisture

#### Surface Preparations and Finishing

Substrates must be clean and free of dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

#### Paintability

Bostik FP404 FIRE RETARDENT PU GUN FOAM is paintable with water based and synthetic paints. We recommend testing compatibility with paint prior to application.

#### Cleaning

Fresh foam can be removed immediately with Bostik P100 FOAM'N'CLEAR POWER. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

#### Colour(s)

- Red

#### Packaging


- Can

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

#### Shelf Life

If kept in unopened original packaging between +5°C and +25°C and stored in a dry place, the shelf life is up to 18 months from production date. Store the canisters in an upright position.

#### Certifications

	EN 1366-4:2006+A1:2010 EN 13501-2 Classification of fire resistance DIN 4102-1 Reaction to fire VOC emissions ISO 16000
	EMICODE EC1 Plus – very low emission

#### 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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