

FP404

FIRE RETARDENT PU FOAM FIRE RETARDENT POLYURETHAN PU FOAM

TECHNICAL DATA SHEET

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

PRODUCT DESCRIPTION

Bostik FP404 FIRE RETARDENT PU 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 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.

APPLICATIONS

Bostik FP404 FIRE RETARDENT PU 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 FP405 FIRE RETARDENT PU 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 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 (Recommended +15°C till +25°C). Application temperature (Environment and substrates): +5°C to +35°C. (Recommended +15°C till +25°C). When applying in cold conditions allow the canister to reach room temperature before use. Remove cap and screw the straw firmly onto the valve. Shake the canister vigorously prior to use at least 20 times. To apply foam, turn the canister upside down and press the adaptor. Half fill the cavity and, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. When fixing window frames, use spacers and wedges to hold the frame in place for approximately 24 hours until the foam is fully cured. Protect eyes and wear gloves and working clothes. Floor-covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4 cm should be filled in multiple layers. Waiting time between applications 15-30 minutes. 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.



TECHNICAL DATA

Application temperature		+10°C to +35°C
Base		Polyurethane
Closed cells		± 70%
Curing time		80 – 100 minutes
Cutting time	FEICA TM1005	20 – 40 minutes
Density		20 – 30 kg/m ³
Fire behaviour	DIN 4102-1	B1
Tack free time	FEICA TM1014	8 – 12 minutes
Temperature resistance		-40°C to +90°C
Thermal conductivity		30 – 35 mW/m.k
Yield	FEICA TM1003	750 ml = 25 – 30 litre

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

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 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'CLEAN POWER**. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

COLOUR(S)

- Red/Pink

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PACKAGING

- 750 ml cans, 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 12 months from production date, stored in a dry place.

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
- Ecodecode EC1 Plus
- A+ French VOC Regulation

BOSTIK SMART SUPPORT

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