



SIL ANTIFUOCO

FIRE RETARDANT AND NEUTRAL (ACID-FREE) SILICON



PRODUCT DESCRIPTION

Professional sealant based on silicone for fire-resistant sealing of joints, seams and cracks in building constructions. Forms a barrier against the spread of fire and smoke in case of fire. For indoors and outdoors.

FIELD OF APPLICATION

Suitable for fire retardant sealing of joints, seams and cracks in building constructions. Very suitable for seals around door and window frames and masonry. Bonds to various building materials, such as brick, (cellular) concrete, gypsum, wood, glass, ceramic tiles, metal and various synthetics. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

PROPERTIES

- Fire-retardant
- Neutral – acid-free
- Permanently elastic (15 year warranty)
- Water resistant
- Exceptional adhesion
- UV and all-weather resistant
- Can be used internally and externally

QUALITY LABELS/STANDARDS

Standards: DIN 4102-1: Flammability of construction products, classification B1: Fire resistant.

PREPARATION

Working conditions: Only apply at temperatures between +5°C and +40°C.

Surface requirements: The surface must be dry, clean and free of dust, rust and grease.

Preliminary surface treatment: For a good result, cover the joint's edges with masking tape. If necessary, prevent three-sided bonding by filling the joint with a foam backer rod or PE film.

Tools: Apply cartridge contents with Bostik Click Gun. Multi Tool to open the cartridge and tooling the sealant.

APPLICATION

Coverage: Content suitable for approx. 8 to 15 m (depending on the diameter of the joint).

Directions for use:

Use sealant gun to handle cartridge. Open the cartridge by cutting off the plastic nipple on the top side at the screw thread with a sharp knife. Screw on the nozzle and chamfer at the desired width. Ensure a minimum joint of 6 mm x 10 mm and a maximum of 50 mm x 25 mm. Inject the sealant evenly into the joint and tool within 20-30 minutes with a wet putty knife or finger.

Stains/residue: Remove wet stains immediately with white spirit. Cured sealant can only be removed mechanically.

Points of attention: The sealant is fire retardant upon complete curing.

Ensure the joint remains dry for at least the first 8 hours. Do not use in rainy weather or when rain is expected.

CURE TIMES*

Cure rate: approx. 1 mm/24 hrs

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Water resistance: Good

UV resistance: Good

Elasticity: Very good

Filling capacity: Good

TECHNICAL SPECIFICATIONS

Colour: Grey

Viscosity: approx. 0 mPa.s., Pasty

Density: approx. 1.38 g/cm³

Hardness (Shore A): approx. 20

Elongation of rupture: approx. 250 %

STORAGE CONDITIONS

At least 18 months after production. Limited shelf life after opening. Store in properly sealed packaging in a dry place at between +5°C and +25°C.