

FPT 88SLS Silicone Firestop Sealant

Elastic single-component, self leveling silicone sealant with 20% maximum movement tolerance for construction joints in floors and through penetrations

Special Properties:


- Elastic silicone-based sealant
- Self leveling
- Tooling not necessary
- Free of halogenated compounds possibly forming toxic or corrosive gasses in case of fire
- Solvent-free, asbestos free
- Weather resistant
- Ageing-resistant
- Good UV resistance
- Good adhesion on a variety of materials

Field of Application:

For construction joints, metal pipes, cable bundles, pipe penetrations. FPT 88SLS Silicone Firestop Sealant must not be used in aquarium construction, on marble/natural stone, on bituminous substrates, for underwater joints, and in areas with direct food contact.

Packaging	310 ml cartridges, 400 ml and 600 ml foil bags 5 US gallon pails
Yield	A 300 ml cartridge will fill approximately: 12.0 meters of joint with a width and height 5x5 mm 3.0 meters of joint with a width and height 10x10 mm
Standard Colors	grey, others on request

Products and Technical Assistance available from

	<p>Fire Protection Technologies, Inc. Suite 160 8000 Research Forest Drive The Woodlands, TX 77382 Website: www.flammadur.com</p>	
<p>Adolf R. Hochstim, PhD Technical Director</p>	<p>e-mail: ahochstim@earthlink.net</p>	<p>Phone: (818) 730-7749 FAX: (936) 271-4114 (Fax only)</p>
<p>Charles R. Eminhizer, PhD Thermal Physicist</p>	<p>e-mail: charles.eminhizer@yahoo.com ceminhizer@att.net</p>	<p>Phone: (858) 442-2192</p>

Usage Instructions

Substrate pretreatment

The substrate must be dry, firm, and free of dust and grease. Porous substrates, e.g., concrete and untreated wood, must be primed. We recommend Silikonprimer P1. Before primer application, remove any cement slurry, coating or impregnations. In modernization projects, old sealant, remains of paint and loose layers must be fully removed. The joint must always be provided with a suitable, correctly dimensioned joint backing, e.g., closed-cell PE cord or PE sheeting, to prevent adhesion on three faces.

Joint dimensions

Joints requiring sealing should be at least 4 mm wide and 4 mm deep. Up to a joint width of 5 mm, a square cross section is advised. For wider joints, the joint depth should be equal to at least half the joint width.

Application

The joint edges can be masked with self-adhesion tape in order to achieve neat and straight joints. Inject FPT 88SLS Firestop Sealant into the joint with a manual, pneumatic or battery-powered caulking gun.

Important remarks

FPT 88SLS Firestop Sealant will only perform properly in the joint if correctly applied in accordance with the joint dimension and distance between joints. Sealant application in strongly fluctuating temperatures (premature stressing of the sealant) should be avoided.

FPT 88SLS Firestop Sealant cannot be painted over.

Technical Data

Technical property	Typical values
Density	Approx. 1.33 g/cm ³
Skin formation time in 23°C / 50% rel. humidity	Approx. 20 min.
Maximum movement capability	20%
Cure Time in 23°C / 50% rel. humidity	Approximately 3 mm in the first 24 hrs.
Shore A hardness* (after 28 days)	25 ± 5 units
Tensile strength at 100% elongation	0.6 N/mm ²
Application temperature of fresh sealant	+20°F (+5°C) to +86°F (+30°C)
Temperature stability range of fully cured sealant	-40°F (-40°C) to +356°F (+180°C)
Shelflife in closed original packaging	12 months
Hazard labeling	none

For safety data, see Safety Data Sheet

Take all measures resulting from the safety data sheet and hazard markings to prevent accidents and protect health

Notes

*The reaction rate depends on temperature and humidity. The given data refer to tests at standard temperature and humidity (23°C / 50% relative humidity). Low temperatures or low humidity retard skin formation and curing. The data reported on this data sheet represent the current state of knowledge. This does not exempt the purchaser from carrying out his own careful inspections of incoming goods in individual cases. We reserve the right to make changes to the product data in the course of technical progress or due to operationally related further development. Owing to factors beyond our control during application, the recommendations given in this data sheet demand tests and experiments by the customer. Our recommendations do not exempt the customer from the obligation to check any infringements of third-party rights himself and eliminate them if necessary. The suggestions for product use are not equivalent to a warranty of its suitability for the recommended purpose. Each new edition of this data sheet supersedes the previous one.