

## TREMstop Fyre-Sil

### A gun grade silicone sealant

#### Product Description

TREMstop Fyre-Sil is a gun-grade, neutral-cure silicone sealant designed for use in firestop applications, including both joints and through-penetrations.

#### Basic Uses

TREMstop Fyre-Sil is for use on metal pipe, plastic pipe, cables, cable trays, ducts and multiple through-penetrations as well as static joints and dynamic joints in concrete, wood floor/ceiling and gypsum wall assemblies and perimeter fire barrier joints.

#### Features and Benefits

TREMstop Fyre-Sil is a firestop product that also provides protection against washout conditions. When installed in accordance with a tested firestop system, it affords code compliance for both through-penetrations and fire-rated joints.

#### Applicable Standards

UL1479 (ASTM E-814), ASTM 263 (ASTM E-119), UL 723 (ASTM E-84), UL 2079 (ASTM E-1966), ASTM E-1399, CAN4-S115M

#### Packaging

10.1 oz (300 mL) cartridge, 20 oz (600 mL) sausage, 28.7 oz (850 mL) cartridge, 5 gal (19L) pail

#### Color

Rust Red, Limestone.

#### Availability

TREMstop Fyre-Sil is readily available from your local Tremco Distributor or Sales Representative throughout the United States and Canada.

#### Surface Preparations

For good adhesion, the substrate must be sound, clean and dry. Any surface damage, dirt, dust, loose particles or other contaminants that may inhibit adhesion must be removed from the surfaces prior to application of the sealant. This can be accomplished with a thorough wire brushing, grinding, sand blasting or solvent washing/priming depending on the situation.

Tremco recommends that surface temperatures be 40°F (5°C) or above at the time the sealant is applied. If sealant must be applied in temperature below 40°F, please refer to the Tremco Guide for Applying Sealants in Cold Weather that can be found on our web site at [www.tremcosealants.com](http://www.tremcosealants.com).

#### Priming

TREMstop Fyre-Sil adheres to common substrates without primers; however, Tremco always recommends that a mock-up or field adhesion test on the actual materials being used on the job be conducted to verify adhesion. The field adhesion test can be found in appendix X1 of ASTM C-1193, Standard Guide for Use of Joint Sealants.

#### Application/Installation

TREMstop Fyre-Sil is used in firestop systems. It is easily applied using conventional caulking equipment.

#### Clean Up

Cleaning can be accomplished with solvent such as IPA or MEK while sealant is in an uncured state.

### TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Results
Flame Spread	ASTM E-84	0
Smoke Develop	ASTM E-84	15
Movement Capability	UL2079; class I, II, III	+/- 25%
Ozone & UV Resistance	ASTM C793	Pass
pH		Neutral
VOC Content	EPA Method 310	0 g/L
Shelf Life		Min 1 year when stored at 40-110°F (5-43°C)
Hardness; Shore A	ASTM C-2240	15
Peel Strength, pli	ASTM C794	5-40 substrate dependent
Permeability, perms	ASTM E96	2.3 wet
Antifungal		Contains antifungal additive
Tack Free Time	ASTM C679	18-26 minutes
Service Temperature		-40°F - 300°F with intermittent peaks to 350°F

## Limitations

- Not recommended for use with passive fire containment systems not listed or approved by Tremco.

## Warranty

Tremco warrants its Firestop Materials to be free of defects, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Firestop Materials. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of the Firestop Materials proved to be defective and Tremco shall not be liable for any loss or damage.



FILL, VOID OR CAVITY MATERIAL FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS AND/OR JOINT SYSTEMS SEE UL FIRE RESISTANCE DIRECTORY 59S2