

TREMstop® Fyre-Sil 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), UL 723 (ASTM E 84), UL 2079 (ASTM E 1966), ASTM E 1399, CAN4-S115M

Packaging

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

Color

Rust Red, Limestone.

Availability

Immediately available from your local Tremco Sales Representative, Tremco Distributor or Tremco Warehouse.

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 (5°C), please refer to the Tremco Guide for Applying Sealants in Cold Weather that can be found on our web site at 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	+/- 33%
Ozone & UV Resistance	ASTM C 793	Pass
pH		Neutral
VOC Content	EPA Method 310	0 g/L
Shelf Life		Max. 1 year when stored at 40-110°F (5-43°C)
Hardness; Shore A	ASTM C 2240	15
Peel Strength, pli	ASTM C 794	5-40 substrate dependent
Permeability, perms	ASTM E 96	2.3 wet
Antifungal		Contains antifungal additive
Tack Free Time	ASTM C 679	18-26 minutes
Service Temperature		-40°F-300°F (-40°C-149°C) with peaks to 350°F (177°C)

Limitations

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

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

Warranty

Tremco warrants its Products 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 Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Products proven 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

