

# TREMstop Silicone (Fyre-sil)

## Single Component, Silicone Firestopping Sealant

### PRODUCT DESCRIPTION:

TREMstop Silicone is a single component, neutral cure, silicone firestopping sealant. This elastomeric, high performance sealant is capable of plus or minus 25 percent movement in a fire-rated joint. TREMstop Silicone is available in self-leveling (SL) or non-sag gun grade (GG) formula for ASTM E-814 through penetrations. TREMstop Silicone is tested for up to a four hour fire rating by independent laboratories and is approved for both through penetrations and joint applications. This high grade sealant is both water-tight and naturally fungal-resistant.

TREMstop is approved by Agriculture Canada and Health and Welfare Canada for use in food processing plants.

### ADVANTAGES:

- Single component, neutral cure silicone firestopping sealant
- Capable of plus or minus 25% movement in a fire-rated joint
- Easy gunning
- Approved for both through penetrations and joint applications
- Available in self-leveling (SL) or gun grade (GG)
- Approved for use in food processing facilities in Canada
- Naturally fungal-resistant and water-tight
- Listed up to a 4 hour fire rating

### BASIC USES:

#### Penetrations

- Steel, iron, copper and EMT pipe
- Fiberglass insulated pipe
- Jacketed cables and bundles
- Bus ducts
- Mixed penetrations

#### Building Assemblies

- Concrete wall or floor
- Gypsum wallboard
- Joints
- Curtain wall
- Hollowcore concrete
- Wood floor/ceiling
- Fluted Metal Deck

### PHYSICAL PROPERTIES:

<b>Color:</b>	Limestone, rust red
<b>pH:</b>	7.0 - 9.0
<b>Shore "A" Hardness: (ASTM C-661)</b>	15
<b>VOC (grams/liter):</b>	0
<b>Application Temperature (Min./Max.):</b>	40°F – 110°F (5°C – 43°C)
<b>Flame Spread: (ASTM E-84)</b>	0
<b>Smoke Develop: (ASTM E-84)</b>	15
<b>Cure Time: (ASTM C-679)</b>	7 – 14 days
<b>Skin Over Time:</b>	Overnight
<b>Movement Capability: (UL 2079; class I, II, III)</b>	Tested to ±25%
<b>STC Information: (ASTM E-90)</b>	Evaluated to restore STC ratings of construction assemblies with STC ratings up to 60.
<b>Shelf Life:</b>	1 year
<b>Accepts Paint:</b>	No

### PACKAGING:

#### For gun grade:

- 10.1 fl. oz. (300 ml, 18 in<sup>3</sup>) cartridge 30/case
- 20 fl. oz. (600 ml, 36 in<sup>3</sup>) sausage 15/case
- 28.7 fl. oz. (850 ml, 51 in<sup>3</sup>) cartridge 12/case
- 4.5 gallon (17 L, 1040 in<sup>3</sup>) pail

#### For self-leveling:

- 20 fl. oz. (600 ml, 36 in<sup>3</sup>) sausage 15/case
- 28.7 fl. oz. (850 ml, 51 in<sup>3</sup>) cartridge 12/case
- 4.5 gallon (17 L, 1040 in<sup>3</sup>) pail

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### LIMITATIONS:

- Not recommended for use in passive fire containment systems not listed or approved by Tremco.
- Do not apply over damp or contaminated surfaces.

### APPLICABLE TEST STANDARDS:

- UL 1479 (ASTM E-814)
- UL 263 (ASTM E-119)
- UL 723 (ASTM E-84)
- UL 2079 (ASTM E-1966)
- ASTM E-1399
- CAN4-S115M
- CAN/ULC-S101M

### INSTALLATION TECHNIQUES:

Refer to the Tremco Firestopping Products & Systems guide for firestop systems. The firestop system details will cover the required sealant depth, necessary amount of packing material and the permitted joint size or annular space. TREMstop Silicone is a gunnable sealant, typically applied using conventional caulking equipment. TREMstop Silicone SL (self-leveling) allows for easy application in hard to reach spaces or configurations. To restore STC ratings of construction assemblies, install in accordance with ASTM C-919.

### WARRANTY:

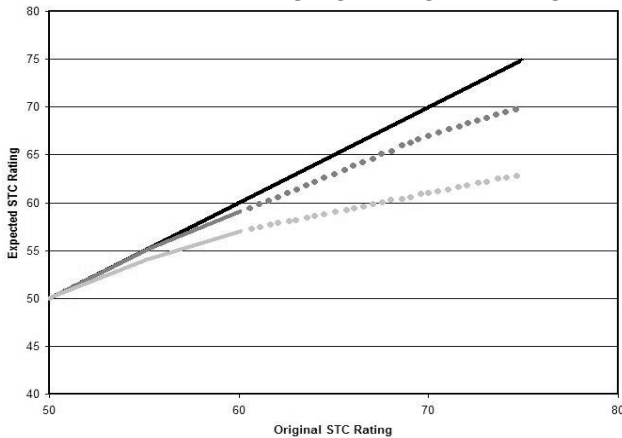
Tremco warrants its Firestop Materials to be free of defects, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY 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.

### TECHNICAL SERVICES

For more information, contact technical services:

- Toll free: (866) 209-2404
- Fax: (216) 514-7575
- E-mail: FireTech@tremcoinc.com

### STC INFORMATION



### LEGEND

- Original Assembly STC
- Assembly STC joint protected using 1/2 inch TREMstop Fyre-Sil\*
- - - Assembly STC joint protected using 1/4 inch TREMstop Fyre-Sil\*

Note: Dashed line represents an extrapolation of data.\*\*

### ORDER PLACEMENT:

To place an order, contact customer service:

- United States: (800) 321-7906
- Canada: (800) 363-3213

THE TREMCO FAMILY OF PRODUCTS IS RECOGNIZED BY



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For MSDS or additional Spec Data Sheets, contact customer service at (800) 321-7906 or visit [www.tremcofirestop.com](http://www.tremcofirestop.com)

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