



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

TREMstop® Fire Mortar

Manufacturer: Tremco CPG Inc.

The following pages are the manufacturer's original document,
reproduced unaltered (data sheet ref. 0918/TSFMDS-ST).

SUPPLIED BY BC BUILDING PRODUCTS

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Product Description

TREMstop® Fire Mortar is a one-part, fast setting, fire resistive micro silica compound.

Basic Uses

TREMstop Fire Mortar can be used as a complete Firestop system or to close down annular spaces making penetrations easier to treat with other TREMstop products.

Features and Benefits

- Provides fire resistance, excellent thermal insulation and high impact resistance.
- Rust red color easily identifies it as a part of a firestop system.

Availability

TREMstop Fire Mortar is immediately available from your local Tremco Sales Representative or Tremco Distributor. For Distributor locations, visit www.tremcosealants.com.

Coverage Rates

One 50-lb bag of TREMstop Fire Mortar will cover approximately 10.3 ft² (1.0 M²) when placed at an average depth of 1/2" (13 mm).

Packaging

50-lb (22.7-kg) bag.

Colors

Rust Red, Gray

Shelf Life

Minimum 2 years in original, unopened package stored in a dry place.

Storage

Store product in a dry place.

Applicable Standards

- TREMstop Fire Mortar meets or exceeds the requirements of the following specifications:
- UL 1479 (ASTM E 814)
- UL 263 (ASTM E 119)
- UL 723 (ASTM E 84)
- CAN4-S115M
- CAN/ULC-S101M

Limitations

- Not recommended for use with passive fire containment systems not listed or approved by Tremco.
- Only mix as much material as can be used in 10 to 20 minutes.
- Do not use for a topping or overlay.
- Do not use material at temperatures below 45 °F (7 °C).
- Keep mortar from freezing until a minimum strength of 1000 psi (7 MPa) is reached. Copper pipes must be protected with enamel paint or a water-proof tape (such as aluminum foil tape) prior to installation of the mortar.

Warranty

Tremco warrants its Products to be free of defects in materials 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 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.

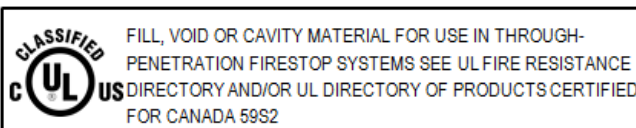
Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES	
V.O.C. Content		0 g/L	
Set Time Initial	ASTM C266	15 min	
Set Time Final	ASTM C266	30 min	
Yield		0.44 ft ³ (0.013 M) when mixed with 0.7 to 0.75 gal (2.65 to 2.81 L) of water.	
Compressive Strength	ASTM C 109 – 2" (50 mm) cubes	Age – 1 Day	Strength – 2,000 psi (14 MPa)
		Age – 7 Days	Strength – 4,500 psi (31 MPa)
		Age – 28 Days	Strength – 5,500 psi (38 MPa)
		Age – 56 Days	Strength – 6,500 psi (45 MPa)

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