

Fyre-Caulk

An Intumescent Acrylic Sealant

Product Description

Fyre-Caulk is an intumescent acrylic sealant designed for use on commonly encountered applications in light commercial construction where both combustible and noncombustible through penetrations are present.

Basic Uses

Fyre-Caulk is for use with metal pipe, plastic pipe, insulated, pipe, cables, ducts and multiple penetrations in concrete floor/ceiling, wood floors/ceilings, and gypsum wall assemblies. It is approved for application on CPVC.

Features and Benefits

Fyre-Caulk provides code compliance for through penetration firestops when installed according to a tested system. It is easy to apply with conventional caulking equipment and is tested for a variety of standard through penetrations found on a jobsite.

Applicable Standards

UL 1479 (ASTM E-814)
UL 723 (ASTM E-84)

Packaging

10.1 oz (300 mL) cartridges, 20 oz (600 mL) sausages,
28.7 oz (850 mL) cartridges, 4.5 gal (17 L) pails

Color

Light Red

Availability

Fyre-Caulk is immediately available from your local Tremco representative or distributor throughout the United States.

Dry Time

At 77°F (25°C), 50% RH, Fyre-Caulk is tack free in 30-60 minutes and dries at a rate of about 1/8" per day. As the temperatures decrease, the dry time of Fyre-Caulk will increase, generally one additional day for every 10°F decrease in temperature.

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.

Priming

Priming is not required.

Application/Installation

Fyre-Caulk is used in light commercial firestop systems. It is easy to apply with conventional caulking equipment.

Compatibility

Fyre-Caulk is tested for CPVC compatibility and is not known to be incompatible with any other plastic pipe or plastic cable jacketing. It is neutral to slightly basic in pH and therefore compatible with metallic penetrating items including copper, brass, aluminum and cast iron.

Clean Up

Excess sealant and smears can be cleaned up or removed with soapy water before sealant skins. Any utensils used for tooling can also be cleaned with soapy water.

Limitations

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

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Results
Flame Spread	ASTM E-84	0
Smoke Develop	ASTM E-84	0
VOC Content	--	31 g/l
Shelf Life	--	Min. 1 year when stored at 40-110°F (5-43°C)
CPVC Compatible	FGG/BM/CZ Compatibility Program	Yes
Skin Over Time	ASTM C-679	30 – 60 minutes at 77°F (25°C), 50% RH
Application Temperature	--	40°F – 110°F (5°C - 43°C)
Service Temperature	--	32°F – 194°F (0°C - 90°C)

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. see ul fire resistance directory 59s2



FGG/BM/CZ® System Compatible indicates this product has been tested and is monitored on an ongoing basis to assure chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FGG/BM/CZ®, FlowGuard Gold®, BlazeMaster® and Corzan® are registered trademarks of The Lubrizol Corporation.

Tremco Commercial Sealants & Waterproofing

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