BlazeMaster® Caulk & Walk®

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Description

BlazeMaster® Caulk & Walk® is an intumescent, acrylic-based firestopping sealant for use in fire-rated building construction. It is specifically designed to be compatible with BlazeMaster® CPVC fire sprinkler systems. Manufactured by Tremco, Inc., a leading provider of sealants for use in construction,BlazeMaster® Caulk & Walk® is listed for use where CPVC pipe penetrates fire-rated assemblies. BlazeMaster® Caulk & Walk® has been tested for penetrations through 1 and 2 hour rated gypsum wallboard assemblies, 2 hour concrete assemblies and 1hour wood frame assemblies. BlazeMaster® Caulk & Walk® has also been tested for metallic pipe penetrations which enables the product to be utilized for firestopping when pipe transitions are employed.

Features

- Compatible with BlazeMaster® CPVC piping systems
- UL/ULc Listed
- User friendly - Easy to install
- Paintable
- Tested to ASTM E814 (UL 1479) and CAN4-S115
- Available in Rust Red
- Graphite-based intumescent properties

Compatibility

BlazeMaster® CPVC fire sprinkler systems have been used successfully for more than 16 years in building construction and renovation. BlazeMaster® systems are ideally suited for use in fire protection primarily due to their ease of installation, outstanding corrosion resistance, low flame spread and low smoke characteristics.

These properties can however be compromised if the CPVC pipe comes in contact with incompatible chemicals found in some construction products. One area where these incompatibilities can be found is in firestopping sealants. Certain firestopping sealants within the industry contain chemicals that are incompatible with CPVC piping systems. These chemicals can cause the wall of the CPVC pipe to weaken and may even cause environmental stress fractures. BlazeMaster® Caulk & Walk® is a specially formulated firestopping sealant made to ensure that a chemically induced failure will not occur when used with BlazeMaster® CPVC fire sprinkler systems.

FBC™ SYSTEM COMPATIBLE

FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation or its affiliates.

Specifications

1 or 2 hour fire rated through penetration firestop for single plastic pipe through gypsum walls using BlazeMaster® Caulk & Walk®.

2 hour fire rated through penetration firestop for single plastic pipe through concrete floors or walls using BlazeMaster® Caulk & Walk®.

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SMITH COOPER
COMMERCE, CA 90040
+ 1 (800) 766-0076
+ 1 (323) 890-4456 FAX

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UL SYSTEM RATINGS

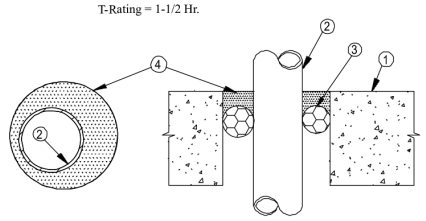
	PENETRATING ITEM	CONCRETE	GYPSUM	WOOD FRAME
PLASTIC PIPE	CPVC	C-AJ-2221	W-L-2151	F-C-2199
PLASTIC PIPE	PVC	C-AJ-2221	W-L-2151	F-C-2199
METALLIC PIPE		C-AJ-1304	W-L-1147	F-C-1083
INSULATED PIPE	Fiberglass	C-AJ-5181	W-L-5155	F-C-5047
INSULATED PIPE	AB/PVC	N/A	W-L-5154	F-C-5047

CONCRETE ASSEMBLIES

2 Hour Fire Rated Through Penetration Firestop for Single Plastic Pipe through Concrete Floors or Walls using BlazeMaster® Caulk & Walk.®

F-Rating = 2 Hr.
T-Rating = 1-1/2 Hr.

Drawing not to scale



① Pre-Rated Concrete Floors or Block Walls = Min. 4-1/2" thickness

② Plastic Pipe - A) Nom. 2" diam. (or smaller) Sch. 40 PVC pipe.
B) Nom. 2" diam. (or smaller) CPVC pipe.
The annular space range shall be min. 1/4" to max. 3/8".
NOTE: For use in closed (process or supply) piping systems.

③ Forming Material - (Optional) Foam backer rod packed into the opening as a permanent form.

④ BlazeMaster® Caulk & Walk® - Min. 1/2" thickness of sealant applied within opening, flush top surface of floor or both surfaces of wall assembly.

UL/cUL System No. CAJ 2221

Project: _____
Location: _____
Installer: _____
Signature: _____

The Tremco products used above have been tested in accordance with the following:
- ASTM E814 (UL1479) Standard Test Method for Through Penetration Firestopping.

Date: 10/29/01 | Drawing: BCW-2221
Approved by: J. Pitcole

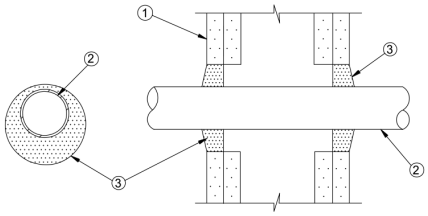
This information is intended for engineering purposes only and is based on internal and third party testing which we believe to be accurate. The user of this information must determine the suitability of the design to the application and the product to local building codes. Tremco shall not be liable for damages, direct or consequential, resulting from use of this material or design. Tremco shall only be responsible for replacing material found to be defective.

GYPSUM WALL ASSEMBLIES

1 or 2 Hour Fire Rated Through Penetration Firestop for Single Plastic Pipe through Gypsum Walls using BlazeMaster® Caulk & Walk®

F-Rating = 1 & 2 Hr.
T-Rating = 1 & 2 Hr.

Drawing not to scale



① Pre-Rated Gypsum Wallboard/Stud Wall Assembly
A) The F-Rating = 1 hour if there is one layer of gypsum wallboard.
B) The F-Rating = 2 hours if there are two layers of gypsum wallboard.

② Plastic Pipe - A) Nom. 2" diam. (or smaller) Sch. 40 PVC pipe.
B) Nom. 2" diam. (or smaller) CPVC pipe.
The annular space range shall be min. 1/4" to max. 1-3/8".
NOTE: For use in closed (process or supply) piping systems.

③ BlazeMaster® Caulk & Walk® - Min. 1/2" thickness of sealant applied within opening. Additional sealant to be installed such that a min. 1/4" crown is formed around the penetrating item.

NOTE: The F & T ratings of the system is equal to the fire rating of the wall assembly.

UL/cUL System No. WL 2151

Project: _____
Location: _____
Installer: _____
Signature: _____

The Tremco products used above have been tested in accordance with the following:
- ASTM E814 (UL1479) Standard Test Method for Through Penetration Firestopping.

Date: 10/29/01 | Drawing: BCW-2151
Approved by: J. Pitcole

This information is intended for engineering purposes only and is based on internal and third party testing which we believe to be accurate. The user of this information must determine the suitability of the design to the application and the product to local building codes. Tremco shall not be liable for damages, direct or consequential, resulting from use of this material or design. Tremco shall only be responsible for replacing material found to be defective.