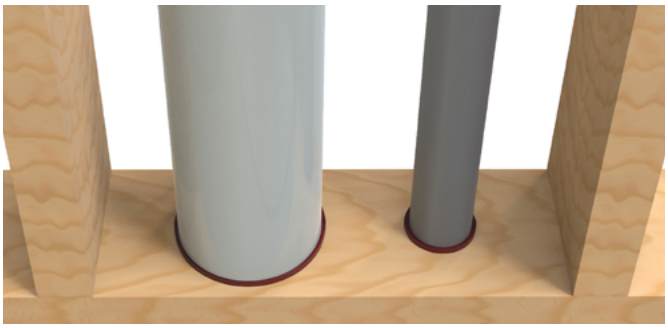
WF300 Intumescent Firestop Caulk

WF300 Caulk is a latex based, high solids firestop caulk. This material, when properly installed, effectively seals penetration openings in wood frame construction against the spread of fire, smoke and combustion byproducts.

WF300 Caulk is a single stage intumescent. When exposed to elevated temperatures, WF300 expands rapidly to seal off voids left by the burning or melting of combustible materials.

WF300 Caulk is storage stable (when stored according to manufacturer's recommendations) and will not separate or shrink when dried. WF300 adheres tenaciously to common construction materials such as lumber and gypsum board as well as typical penetrant materials.



Applications

WF300 Caulk is used to seal through penetrations and gaps in fire resistance rated wood frame construction such as floor/ceilings and walls or partitions. Most common penetrating items were successfully tested with WF300.

Specifications

The firestopping sealant shall be a water-resistant, intumescent, latex sealant WF Firestop Caulk. The sealant when exposed to high heat or flame shall exhibit a free expansion of up to 5 times its original volume. The firestopping sealant shall contain no water soluble nor hygroscopic ingredients. The sealant shall be UL Certified and tested to the requirements of ASTM E814 (UL1479), CAN/ULC-S115 and shall meet Class A finish requirements when tested in accordance with ASTM E84 (UL723).

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 22	22 00 00	Plumbing
Division 23	23 00 00	HVAC
Division 26	26 00 00	Electrical

Features & Benefits

- Water based for easy installation, cleanup and disposal
- Intumescent
- Water-resistant, will not re-emulsify when dry
- Paintable when dry
- Safe, no asbestos, no PCB's, no inorganic fibers
- Auto bonding
- Non-halogenated
- Meets LEED™ v3 requirements. Low emitting materials credit. See general LEED letter for additional applicable credits.

Performance

WF300 Caulk is the basis for systems that meet the exacting criteria of ASTM E 814 (ANSI/UL1479), CAN/ULC-S115 as well as the time/temperature requirements of ASTM E119 (ANSI/UL263). UL Systems have been tested for wood frame construction and common penetrating items with ratings up to 2 hours. See UL Directory for system information.

Limitations

Use product as per manufacturer's instructions. Use only in applications per the manufacturer's published designs or specific recommendations. End user must ultimately determine the suitability of the product and/or design to his or her specific requirements and assumes responsibility for its use. PRODUCT CONTAINS WATER AND IS CONDUCTIVE UNTIL DRY. DO NOT APPLY IN THE PRESENCE OF EXPOSED OR ENERGIZED ELECTRICAL CONDUCTORS

This product has been designed to be safe with plastics. It has been used extensively and successfully with various types of plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the pipe, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

Maintenance

Inspection: Installations should be inspected periodically for subsequent damage. Any damage should be repaired using WF300 Caulk per the original approved design.

Retrofit: When adding or removing penetrants, care should be taken to minimize damage to the seal. Reseal using WF300 Caulk per the original approved design. NOTE: New penetrants of a different nature than the original design may require a totally new firestop design or extensive modifications to the existing design. Reseal all openings as per the requirements of the modified design.

WF300 Intumescent Firestop Caulk

PHYSICAL PROPERTIES			
Color	Red	In Service Temperature	Less than 185°F (85°C)
Density/Weight per Gallon	10.2 lbs/gal (1.22 kg/L)	Storage Temperature	40°F (4°C) to 95°F (35°C)
Solids Content by Weight	81%	Application Temperature	35°F (2°C) to 100°F (38°C)
Solids Content by Volume	77.6%	STC Rating (ASTM E90-04/ASTM C919)	61 (Relates to Specific Construction)
Flame Spread*	0	VOC Content**	28 g/L
Smoke Development*	20	Expansion Begins	350°F (176°C)
Coverage	For more information on product coverage see the following documents for Linear Joint & Penetration	Average Volume Shrinkage (ASTM C1241)	23.5%
		Volume Expansion	5x free expansion
pH	7.4 to 8.4	Shelf Life From Date of Manufacture	24 months

*Tested to ASTM E84 (UL723) at 14% surface coverage (modified test for sealants and caulks) **Per SCAQMD Rule 1168 (EPA Method 24)

System Selection

To find your firestop system or create a submittal, visit https://systems.stifirestop.com/ to use System Search & Submittal Builder. You may also visit the UL Online Certifications Directory/UL Product iQ™ for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

Precautionary Information

Consult Safety Data Sheet (SDS) for additional information on the safe handling and disposal of this material. Wash areas of skin contact with soap and water. Avoid contact with eyes. SEALANT IS CONDUCTIVE UNTIL DRY.

Availability

WF300 Caulk is available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products, please call 1-800-992-1180 or visit www.stifirestop.com.

ORDERING INFORMATION

Catalog Number	UPC Number	Size	(UOM) Qty.	Case Qty.	Weight (Each)
WF310	730573097106	10.1 Oz. Tube - 18.2 cu. in. (300 ml)	1	12	0.95 lbs (0.43 kg)
WF320	730573097205	20 Oz. Sausage - 36 cu. in. (592 ml)	1	12	1.70 lbs (0.77 kg)
WF305	730573097052	5 Gallon Pail - 1,155 cu. in. (19.0 liters)	1	N/A	54.30 lbs (24.63 kg)

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT WWW.STIFIRESTOP.COM/LEGAL/WARRANTY

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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® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

IFC MEMBER