

SpecSeal® Fast Tack® Firestop Spray

SpecSeal®
Fast Tack®

SpecSeal® Fast Tack® Firestop Spray is an elastomeric single component advanced hybrid polymer spray coating designed to provide passive smoke and fire protection in construction joints.

SpecSeal® Fast Tack® Firestop Spray is engineered to adhere to common construction substrates and may be applied using airless spray equipment or with a brush (for small applications or touch ups). As an option, SpecSeal® Fast Tack® Firestop Spray may also be used as a self-leveling sealant and poured into the linear opening to the required thickness as specified in the individual UL System design.

SpecSeal® Fast Tack® Firestop Spray dries rapidly and cures in the presence of atmospheric moisture to form a durable, flexible, water-resistant shield against the propagation of fire, smoke and combustion byproducts. SpecSeal® Fast Tack® Firestop Spray does not contain asbestos or PCB's.

Applications

SpecSeal® Fast Tack® Firestop Spray is designed primarily for the protection of construction joints and excels in curtain wall safing gap conditions, slab edge/curtain wall conditions, floor to floor joints, floor to wall joints, and vertical joints (columns or shear walls).

Specifications

The fire protective joint coating shall be a single component, moisture curing elastomeric advanced hybrid polymer coating. The coating as applied shall be insoluble and immiscible in water, and cure to form a flexible, moisture resistant film. The coating shall adhere to all common construction surfaces and be of a high static viscosity, capable of being applied by brush, roller, or airless sprayer. The approved coating shall be SpecSeal® Fast Tack® Firestop Spray.

Specified Divisions

Division 7	07 84 43	Joint Firestopping
Division 7	07 84 53	Building Perimeter Firestopping
Division 8	08 44 00	Curtain Wall and Glazed Assemblies

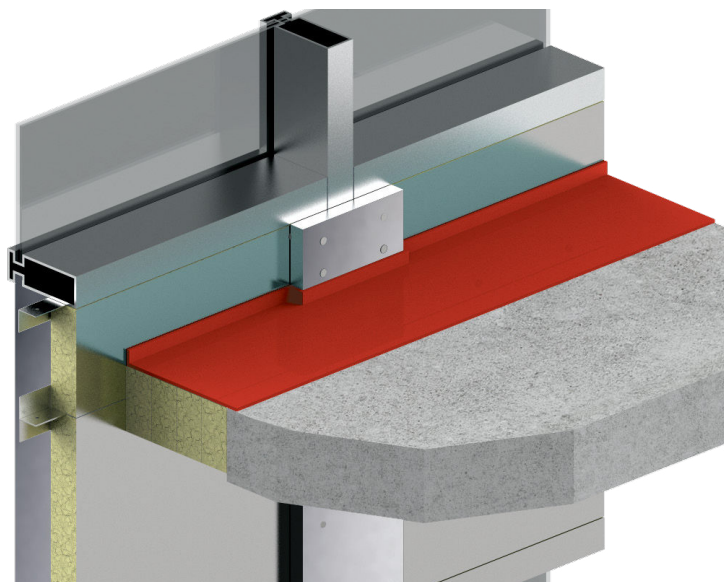
Performance

When applied to a wet film thickness of 2 mm over appropriate backing materials, SpecSeal® Fast Tack® Firestop Spray has been successfully tested to the exacting criteria of ASTM E2307, ASTM E1966, ANSI/UL2079, ASTM E814, ANSI/UL1479, ASTM E1399 and to the time-temperature requirements of ASTM E119 (ANSI/UL263) in 1, 2, 3 and 4 hour rated joint and perimeter fire containment systems and CAN/ULC S115. Visit the Technical Library at www.stifirestop.com for individual UL System designs and application requirements.

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 IS CONDUCTIVE UNTIL DRY. DO NOT APPLY IN THE PRESENCE OF EXPOSED OR ENERGIZED ELECTRICAL CONDUCTORS.



Features & Benefits

- Skins over quickly to resist water
- Tack free in 35 minutes
- Cures below freezing
- Tough, water-resistant flexible shield against fire and smoke.
- Will not wash out
- Safe, no asbestos, no PCB's, no inorganic fibers
- Auto bonding
- Non-halogenated
- Meets LEED™ v3, v4, & v4.1 requirements. Low emitting materials credit. See general LEED letter for additional applicable credits.



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PHYSICAL PROPERTIES

Color	Limestone or Red	Application Temperature	40°F (4°C) to 95°F (35°C)
Density/Weight per Gallon	9.7 lb/gal (1.16 kg/L)	Tack Free Time (ASTM C679)	35 to 45 minutes @ 77°F, 50% Humidity
Solids Content by Weight	91%	Shore A Hardness	25 +/- 5
Flame Spread*	0	STC Rating (ASTM E90-09/ASTM C919)	61 (Relates to Specific Construction)
Smoke Development*	20	VOC Content**	107 g/L
Mold & Fungus Growth Rating (ASTM G21)	0	Shelf Life From Date of Manufacture	12 months
Movement Capabilities (ASTM D2370)	Elongation 200%	Early Rain Resistance (24 Hr Exposure; ASTM D6904)	PASS
Coverage	12.8 sq ft/gal. @ 1/8", (0.31 sq m/L @ 3.2 mm)	Tensile Strength, psi (ASTM D2370)	80 to 100
Viscosity	35,000 cps	Peel Strength	5 lbs/in
In Service Temperature	-35°F (-37°C) to 350°F (177°C)	Permeability (as determined per ASTM E96)	0.4 perm-inch
Storage Temperature	0°F (-18°C) to 95°F (35°C)	Skin Over Time	15 to 30 minutes

*Tested to ASTM E84 (UL723) at 14% surface coverage (modified test for sealants and caulks)

**Per SCAQMD Rule 1168 (EPA Method 24)

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 periodically inspected for subsequent damage. Following safety precautions listed below and pertinent installation guidelines remove coating in damaged areas and reapply fresh coating material to original coating thickness.

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. Avoid contact with eyes. The use of an OSHA or NIOSH approved mask for dust and mist environment is recommended. Use only in well ventilated areas. To clean areas of skin contact, wipe off uncured material with a dry cloth or paper towel prior to washing. Waterless hand cleaners are particularly effective when sealant is uncured.

SpecSeal® Fast Tack® Firestop Spray

The logo for SpecSeal Fast Tack, featuring the brand name in white text on a red rectangular background.

Application Equipment

Notice: Spray application of SpecSeal® Fast Tack® AWG requires airless spray equipment meeting the following specifications:

- Working Pressure: Minimum 2500 psi (172 Bar)
- Delivery: Minimum 0.80 GPM. (3.0 lpm) recommended
- Spray Tip Orifice: 0.023" to 0.026" (0.58 mm to 0.66 mm) recommended
- Wetted Parts: All seals, hoses and contact surfaces should be Teflon®.

A minimum 3/8" diameter fluid line is required. Consult sprayer manufacturer for long hose runs or lifts to higher elevations. A reversible spray tip is recommended. A 6 inch fan pattern is suggested to minimize overspray.

The following airless spray equipment has demonstrated suitability for application of this product. STI makes no warranties concerning the suitability or use of this equipment and has no affiliation of any kind with the manufacturer. The following equipment is manufactured by Titan Tool, Inc. Franklin Lakes, NJ:

Item	Item Description
IMPACT™ 740 Airless Sprayer	Electric Airless Sprayer.

Availability

SpecSeal® Fast Tack® Firestop Spray 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)
FT305	730573011904	5 gallon pail - 1,155 cu in (19 liters)	1	1	51.33 lbs (23.28 kg)
FT305R	730573011935	5 gallon pail - 1,155 cu in (19 liters) (Red)	1	1	51.33 lbs (23.28 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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