

PRODUCT DATA SHEET

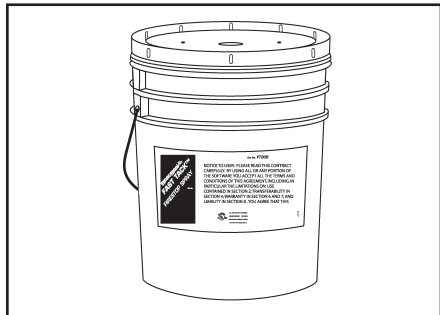


FAST TACK® FIRESTOP SPRAY

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
- Vertical Joints (Columns or Shear Walls)



PRODUCT DESCRIPTION

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.

FEATURES

- **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!**

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 E 2307, ASTM E 1966, ANSI/UL2079, ASTM E814, ANSI/UL 1479, ASTM E 1399, to the time-temperature requirements of ASTM E 119 (ANSI/UL 263) in one, two and three hour rated joint and perimeter fire containment systems and CAN/ULCS115. 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 tested and published designs or specific recommendations. End user must ultimately determine suitability of the product and designs to his or her specific requirements and assumes responsibility for its use.



SpecSeal® FastTack Firestop Spray
Fill, Void or Cavity Material CERTIFIED FOR USE IN JOINT-SYSTEMS AND THROUGH-PENETRATION FIRESTOP SYSTEMS. SEE UL ONLINE CERTIFICATIONS DIRECTORY.

PHYSICAL PROPERTIES

PROPERTIES	FAST TACK® FIRESTOP SPRAY
Color	Red or Limestone
Odor	Negligible
Density	9.65 ± 0.25 lbs/gal (1158 ± 30 g/L)
Solids Content by Weight	91%
Coverage	12.8 sq. ft/gal. @ 1/8", (0.31 m ² /L @ 3.2 mm)
Tack Free Time	35-45 minutes @ 77°F, 50% Humidity (ASTM C679)
Skin Over Time	15-30 minutes
Viscosity, Centipoises	35,000 cps
STC Rating	61 (Relates to specific construction) (ASTM E 90-09/ASTM C919)
Early Rain Resistance (24 Hr Exposure; ASTM D6904)	PASS

PROPERTIES	FAST TACK® FIRESTOP SPRAY
Tensile Strength, psi	80-100
Elongation %	200
Peel Strength, lbs/inch	5
Hardness, Shore A	25 ±5
Permeability	0.04
Volatile Organic Content (VOC), g/L	107 g/L
Flame Spread*	0
Smoke Development*	20
In Service Temp	-35°F (-37°C) - 350°F (177°C)
Storage Temp	0°F (-18°C) - 95°F (35°C)
Shelf Life**	1 Yr

*ASTM E 84 (UL723) @ 14% Surface Coverage (modified test for sealants and caulks)
**From date of manufacture.

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

- DIV. 7 07840 Through-Penetration Firestopping
- DIV. 13 13900 Special Construction Fire Suppression & Supervisory Systems
- DIV. 15 15250 Mechanical Insulation – Fire Protection
- DIV. 16 16050 Basic Electrical Materials & Methods



INSTALLATION INSTRUCTIONS

GENERAL: Areas to be protected must be clean and free of oil, loose dirt, rust or scale. Unsound surfaces may need to be power washed with clean water diluted bleach solution, and then power rinsed to remove dirt. Allow substrate to dry before coating application. Recommended storage temperatures range between 0° F (-18° C) and 95° F (35° C). Recommended application temperatures range between 40° F (4° C) and 95° F (35° C), although coating may be applied at higher or lower temperatures. Applying coating in lower temperatures than specified will lengthen skin over, tack-free and ultimate cure time. For best results, relative humidity should be above 20%. Lower humidity will slow the cure rate significantly.

Consult appropriate manufacturer's system drawing for design requirements. Forming or packing materials may be required as an integral part of various system designs.

For best performance, coating may be applied by airless spray to a 2 mm wet thickness. Do not attempt to add water or solvent to SpecSeal® Fast Tack® Firestop Spray.

Clean up of equipment containing uncured material may be accomplished by flushing with mineral spirits. SpecSeal® Fast Tack® Firestop Spray should not be left in pumping equipment and/or hoses for prolonged periods of time. SpecSeal® Fast Tack® Firestop Spray cures by reacting with moisture vapor to form cured material.

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.

TECHNICAL SERVICE

Specified Technologies, Inc. provides toll free technical support to assist in product selection and installation information. UL Classified Systems are available at the Technical Library at www.stifirestop.com.

PRECAUTIONARY INFORMATION

Consult Material Safety Data Sheet 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.

AVAILABILITY

SpecSeal® Fast Tack® Firestop Spray is available from authorized distributors. Consult factory for the names and locations of the nearest sales representatives or distributors.

APPLICATION EQUIPMENT

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

Working Pressure:	Minimum 2500 psi
Delivery:	Minimum 0.80 GPM.
Spray Tip Orifice:	0.023 to 0.026 inch recommended
Wetted Parts:	All seals, hoses and contact surfaces should be

Teflon®.

A minimum 3/8 inch 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

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
FT305	5 gallon pail 1,155 cu. in. (19 liters)
FT305R	5 gallon pail 1,155 cu. in. (19 liters)

Additional SpecSeal Products...

Elastomeric Joint Sealants

Economical products for sealing construction joints. Choose caulk or spray applied products tested to UL2079.



City of NY MEA 102-05-M

Specified Technologies Inc.

Somerville NJ 08876

Phone: 800.992.1180

Fax: 908.526.9623

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.

LIMITED WARRANTY: STI warrants that its products will be free of defects for one year from the date of purchase. In the event a product does not conform to this warranty, the sole and exclusive remedy is, at STI's option, replacement of the product or refund of the purchase price. The warranty provided herein shall be void and of no effect in the event that the product is not installed in accordance with STI's published instructions, listed systems and applicable building and safety codes. THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS AND EXPRESSED OR IMPLIED WARRANTIES (including the implied warranties of merchantability or fitness for a particular use) AND UNDER NO CIRCUMSTANCES SHALL STI BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING, WITHOUT LIMITATION, ANY LOSS OF REVENUE, PROFIT OR USE. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability for subsequent use. No person other than an officer of STI is authorized to bind STI to any other warranty for any product for which this warranty is issued.

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