



FAST TACK™ FIRESTOP SPRAY

APPLICATIONS

SpecSeal® Fast Tack™ Firestop Spray is designed primarily for the protection of construction joints and excels in curtain wall saifing gap conditions.

- Slab/edge/curtain wall conditions
- Floor to floor joints
- Floor to wall joints



PRODUCT DESCRIPTION

SpecSeal® Fast Tack™ Firestop Spray is an elastomeric single component silicone/urethane hybrid 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 2-4 hours!
- **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 1/8" (3.2 mm) over appropriate backing materials, SpecSeal® Fast Tack™ Firestop Spray has been successfully tested to the exacting criteria of ASTM E 1966, ANSI/UL2079, ASTM E 1399 and 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. 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.



PHYSICAL PROPERTIES

PROPERTIES	FAST TACK™ FIRESTOP SPRAY
Color	Neutral / Off White
Odor	Negligible
Density	9± 0.25 lbs/gal (29.9 g/L)
Solids Content	83 min.
% By Volume	
Solids Content	88 min
% By Weight	
Coverage	12.8 sq. ft./gal. @ 1/8", (0.31 m²/L @ 3.2 mm)
Tack Free Time, hours	2-4
Skin Over Time, minutes	45
Viscosity, Centipoises	15,000 ± 5000

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	132 g/L
Flame Spread*	0
Smoke Development*	20
In Service Temp	-40°F (-40°C) - 195°F (91°C)
Storage Temp	0°F (18°C) - 80°F (27°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 silicone/urethane hybrid 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. Recommended storage temperatures range between 0° F (-18° C) and 80° F (27° C). Recommended application temperatures range between 40° F (4° C) and 95° F (35° C). 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 1/8" (3.2 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. Hoses shall be TEFLON® lined, connections shall be sealed with TEFLON® and pump seals shall be TEFLON®. SpecSeal® Fast Tack™ Firestop Spray cures by reacting with moisture vapor to form cured material. Equipment without TEFLON® lining and seals will transmit sufficient moisture vapor to gradually cure material on hose walls and unsealed connections which may directly result in increased operating pressures and material flow restriction. 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. TEFLON® is a registered trademark of Dupont.

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 Spray requires airless spray equipment meeting the following specifications.

Working Pressure:	Minimum 2500 psi
Delivery:	Minimum 1.0 US gpm (2.1 l/min) recommended.
Spray Tip Orifice:	0.023 to 0.026-in. recommended
Wetted Parts:	All seals, hoses and contact surfaces should be Teflon®.

A minimum 3/8-in. diameter fluid line is required. Consult pump manufacturer for long hose runs or lifts to higher elevations. A reversible spray tip is recommended. A 6-in. 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 its manufacturer.

The following equipment is manufactured by Titan Tool, Inc. Franklin Lakes, NJ:

Item	Item Name & Description
PowrTwin Model 5500 Sprayer	Electric or gas powered airless sprayer

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
FT305	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

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.

WARRANTY: Specified Technologies Inc. manufactures its goods in a manner to be free of defects. Should any defect occur in its goods (within one year), Specified Technologies Inc., upon prompt notification, will at its option, exchange or repair the goods or refund the purchase price.

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