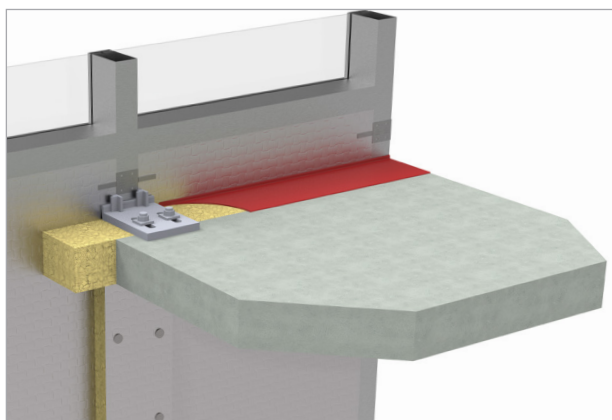




SAFING SPRAY

▼ APPLICATIONS

SpecSeal® Safing Spray is designed for use in curtain wall safing applications for perimeter fire barrier systems.



▼ PHYSICAL PROPERTIES

Color	Red
Odor	Mild Latex
Specific Gravity	1.36
Solids Content by Weight	81%
Solids Content by Volume	68%
Flame Spread (ASTM E84/UL723)	0
Smoke Development (ASTM E84/UL723)	0
Mold & Fungus Growth Rating (ASTM G21)	0
Movement Capabilities* (ASTM C719)	Movement +/- 12.5%**
Coverage	12.8 sq ft/gal@ 1/8" (0.31 sq m/L @ 3.2 mm)
Viscosity	125,000
pH	7.8
Solvent Content	None
Plasticizer	None
In-Service Temp.	≤ 185°F (85°C)
Storage Temp.	40°F (4°C)-95°F (35°C)
Drying Time: Tack Free Time Dry Through	< 2 Hours 24-48 Hours***
STC Rating (ASTM E90)	≤ 57 (Relates to specific construction)
VOC Content (ASTM D3960)	30
Shelf Life	18 months
Shore A Hardness	65

\* Tested to Standard – UL723

\*\*500 Cycles per UL2079, ASTM E1399, and ASTM E1966

▼ PRODUCT DESCRIPTION

SpecSeal® Safing Spray is a high solids, latex-based elastomeric coating specifically formulated for slab edge safing applications.

SpecSeal® Safing Spray is designed to be applied using airless spray equipment or by brush or roller. It is formulated to bridge gaps or irregularities over the mineral wool safing, and is ideally suited to work around curtain wall mounting anchors thereby enhancing productivity in even the most demanding construction environments.

Utilizing a premium latex binder system, it is totally resistant to water and will not re-emulsify after drying. Upon drying, it forms a flexible barrier against the spread of fire, hot gases, and smoke. It does not contain inorganic fibers, asbestos, or solvents.

▼ PERFORMANCE

SpecSeal® Safing Spray is applied over mineral wool safing. It is tested for 1, 2, 3, and 4 hour rated perimeter fire barrier systems in accordance with the Standard, ASTM E2307, "Standard Test Method for Determining the Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-Scale, Multi-Story Test Apparatus". It complies with the time/temperature conditions of ASTM E119 (ANSI/UL263) and prevents ignition of cotton waste. It further complies with CAN/ULCS101 and CAN/ULCS115. Consult factory for individual system designs and application requirements.

LIMITATIONS: Use product per manufacturer's directions. Follow the parameters of the manufacturer's tested and published designs or specific recommendations. End user must determine suitability of the product and designs to his or her specific requirements and assumes responsibility for proper use. **PRODUCT CONTAINS WATER AND IS CONDUCTIVE UNTIL DRY. DO NOT APPLY IN THE PRESENCE OF EXPOSED OR ENERGIZED ELECTRICAL CONDUCTORS.**

▼ FEATURES & BENEFITS

- Optimized for curtain wall conditions
- Tougher polymer can stand up to jobsite rigors
- Fast drying latex binder base
- Easy cleanup with water
- Approved with penetrants in safing slot
- Allows for vertical application for column or shear wall interfaces
- UL Certified



**SpecSeal® Safing Spray**  
Fill, Void or Cavity Material. Certified for use in Joint-Systems.  
See UL Online Certifications Directory.

▼ SPECIFICATIONS

The perimeter fire barrier spray shall be a water-based, non-halogenated elastomeric coating containing no solvents, inorganic fibers, or asbestos. The coating shall dry to form a flexible, water resistant film and adhere to all common construction surfaces. The Shore A hardness of the dried coating shall be minimum 65. The coating shall be UL Certified and listed in the XHDG Category for Perimeter Fire-Containment Systems. The approved coating shall be SpecSeal® Safing Spray.

**Specified Divisions**

- DIV. 7 07 84 00 Firestopping
- DIV. 7 07 21 00 Thermal Insulation
- DIV. 8 08 44 00 Curtain Wall and Glazed Assemblies



Technical Service 1-800-992-1180  
www.stfirestop.com

Specified Technologies Inc. • Product Data Sheet  
SpecSeal® Safing Spray • ZSFOD5318 1518





SAFING SPRAY

▼ INSTALLATION INSTRUCTIONS

GENERAL: Substrates shall be clean and dry, and free of oil, dirt, rust, scale, or frost. Storage and application temperature range shall be between 40°F (4°C) to 95°F (32°C). When applying product at lower limits of temperature range, warming the material to 70°F (21°C) can aid in application and enhance drying characteristics. Drying time varies according to prevailing temperature and humidity. Allow product to thoroughly dry before exposure to moisture.

Follow the parameters of the individual system design or manufacturer’s drawing. Coating can be applied by airless spray in a single pass up to 3/16” (4.8 mm) wet coating depth. If applying by brush or spraying onto vertical surfaces where coating appears prone to slumping, multiple coats or the application of a thin tack coat may improve application. DO NOT ATTEMPT TO THIN PRODUCT BY ADDING WATER. When dry, this product can be painted using most solvent-free paints.

▼ MAINTENANCE

Inspection: Installations should be inspected periodically for subsequent damage and repaired accordingly. If the packing or forming material is damaged, it should be removed and replaced maintaining the required compression. Reapply fresh coating to the original specified wet thickness.

▼ TECHNICAL SERVICE

Specified Technologies Inc. provides technical support. Contact the local STI office or visit [www.stifirestop.com](http://www.stifirestop.com) for UL Systems, Safety Data Sheets, and other technical information.

▼ 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. The use of an OSHA or NIOSH approved mask for dust and mist environment is recommended. Apply in areas with adequate ventilation.

▼ AVAILABILITY

SpecSeal® Safing Spray is available worldwide from authorized distributors. Consult factory for the names and locations of the nearest sales representatives and distributors.

▼ ORDERING INFORMATION

UPC #	CAT. NO.	COLOR	WEIGHT	PACKAGING
07117	SFS105	Red	59 lbs. (26.76 kg)	5 gallon pail - 1,155 cu. in. (19 liters)

▼ NOTICE & WARRANTY

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 typically warrants its products for one full year. For complete details of our standard warranty, please visit [www.stifirestop.com/legal/warranty](http://www.stifirestop.com/legal/warranty)

▼ TABLE A: APPLICATION EQUIPMENT

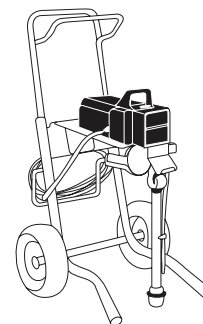
NOTICE: Spray application of SpecSeal Elastomeric Spray requires airless spray equipment meeting the following specifications:

**Working Pressure:** Min. 2500 PSI (172 Bar), **Delivery:** Min. .72 U.S. gpm (2.7 l/min.) recommended

**Spray Tip Orifice:** 0.023” to 0.026” (0.58 to 0.66 mm) recommended

Wetted Parts All seals and contact surfaces suitable for contact with latex emulsions.

A minimum 3/8” (9.5 mm) fluid line is required, a 1/2” (13 mm) line is preferred. Consult pump manufacturer for long hose runs or lifts to higher elevations. A reversible spray tip is recommended. A 6” (152 mm) 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.



**Manufacturer**  
Titan Tool Inc. / Graco Inc.

**Model Number & Description**  
740ix Electric Airless Sprayer / Ultra Max II 695 Electric Airless Sprayer



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