

SpecSeal® AS200 Elastomeric Spray

AS200

Applications

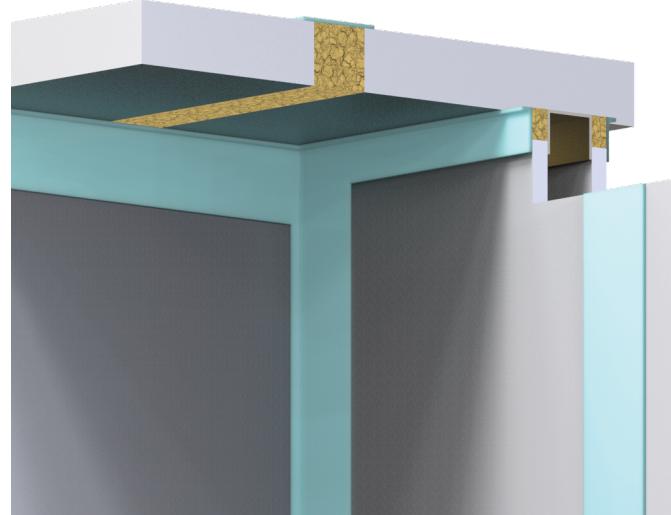
SpecSeal® AS200 Elastomeric Spray is designed primarily for the protection of construction joints, curtain wall safing gaps, and certain through-penetrations.

Specifications

The fire protective joint coating shall be a water-based, non-halogenated elastomeric coating and shall contain no solvents, inorganic fibers, nor asbestos. The coating shall dry to form a flexible, moisture resistant film and shall adhere to all common construction surfaces. The coating shall provide up to 50 percent movement. The coating shall be thixotropic and shall be capable of being applied by airless spray, brush or trowel. The approved coating shall be SpecSeal® AS200 Elastomeric 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

SpecSeal® AS200 Elastomeric Spray in conjunction with appropriate backing materials has been tested in one, two, three and four hour joints tested in accordance with ASTM E1966 (ANSI/UL2079), ASTM E814 (ANSI/UL1479) and CAN/ULC S115. This product has also been tested for use in Perimeter Fire Barrier Systems in accordance with ASTM E2307. Consult factory for individual 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 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. Following safety precautions listed below (See Precautionary Information) and pertinent installation guidelines, remove coating in damaged areas down to undamaged material. 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).

Features & Benefits

- Water-based for easy installation and cleanup
- Non-halogenated
- Thixotropic for high-build application
- Auto bonding
- Safe, no solvents, no asbestos, no PCB's, no inorganic fibers
- Flexible
- Water resistant
- Low abrasion for longer pump life and less maintenance
- UL Certified
- Tested with spray applied fire resistive materials (SFRM)
- Paintable when dry
- Meets LEED™ v3, v4, & v4.1 requirements. Low emitting materials credit. See general LEED letter for additional applicable credits.
- Available in Pale Blue, Brick Red, and White

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PHYSICAL PROPERTIES

Color	Pale Blue, Red, Brick Red, and White	pH	7.5
Density/Weight per Gallon	10.7 lb/gal (1.28 kg/L)	Plasticizer free	None
Solids Content by Weight	74.0%	In Service Temperature	Less than 185°F (85°C)
Solids Content by Volume	66.5%	Storage Temperature	40°F (4°C) to 95°F (35°C)
Flame Spread (ASTM E84 (UL723))*	10	Applicaton Temperature	40°F (4°C) to 95°F (35°C)
Smoke Development (ASTM E84 (UL723))*	0	Drying Time ^A (ASTM D1640)	Tack Free 2 Hours Dry Through 24-48 Hours
Flame Spread (CAN/ULC-S102)	0	STC Rating (ASTM E90-04/ASTM C919)	60 (Relates to Specific Construction)
Smoke Development (CAN/ULC-S102)	5	VOC Content**	23 g/L
Mold & Fungus Growth Rating (ASTM G21)	0	Shelf Life From Date of Manufacture	24 months
Movement Capabilities***	+/- 50%		
Coverage	12.8 sq ft/gal @ 1/8 in Wet Thickness (0.31 sq m/L @ 3.2 mm Wet Thickness)		

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

***500 Cycles per UL2079, AC30 (ICBO) and ASTM E1399

**Per SCAQMD Rule 1168 (EPA Method 24)

^ADependent on temperature and humidity

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

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Application Equipment

NOTICE: Spray application of SpecSeal® AS200 Spray requires airless spray equipment meeting the following specifications:

Working Pressure: Min. 2500 PSI (172 Bar)

Delivery: Min. 0.72 U.S. gpm (2.7 l/min.) recommended

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

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

A minimum 3/8 in (9.5 mm) fluid line is required, a 1/2 in (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 in (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. Model Number & Description

740ix Electric Airless Sprayer

Graco Inc. Ultra Max II 695 Electric Airless Sprayer

Availability

SpecSeal® AS200 Elastomeric 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)
AS205	730573071076	5 Gallon Pail - 1,155 cu in (19 liters)	1	1	53.60 lbs (24.31 kg)
AS205BR	730573071182	5 Gallon Pail - 1,155 cu in (19 liters)	1	1	53.60 lbs (24.31 kg)
AS205W	730573071229	5 Gallon Pail - 1,155 cu in (19 liters)	1	1	53.60 lbs (24.31 kg)

Pale Blue Color

Brick Red Color

White Color

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. BlazeMaster® and Caulk & Walk® are registered trademarks of Lubrizol Advanced Materials, a Berkshire Hathaway Company.

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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