SERIES AS200 ELASTOMERIC SPRAY

APPLICATIONS

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

PHYSICAL PROPERTIES

Color	Pale Blue and Red
Odor	Mild Latex
Specific Gravity	1.3
Solids Content by Weight	74%
Solids Content by Volume	66.4%
Flame Spread	10*
Smoke Developed	0*
Movement	±50%**
Coverage	12.8 sq ft/gal @ 1/8˝ Wet Thickness (0.31 sq m/L @ 3.2 mm Wet Thickness) 17.1 sq ft/gal @ 3/32" Wet Thickness (0.42 sq m/L @ 2.4 mm Wet Thickness)
Viscosity	110,000 cps
pH	7.5
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 2 Hours Dry Through 24-48 Hours[A]
STC Rating	60 (Relates to specific construction) (ASTM E 90-04/ASTM C919)
VOC Content[B]	10 g/L
Shelf Life	24 months

* Tested to ASTM E84 (UL723) @ 14% coverage.
**500 Cycles per UL2079, AC30 (ICBO) and ASTM E1399
[A]Dependent on temperature and humidity.
[B]Per ASTM D3960 EPA Fed. Reference Method 24

FEATURES & BENEFITS

- Water-Based for easy installation and cleanup
- Non-halogenated.
- Thixotropic for high-build application.
- Auto Bonding.
- Safe...no solvents! No asbestos!
- Flexible!
- Water Resistant!
- Low Abrasion for longer pump life and less maintenance.
- UL Classified.
- Tested with spray applied fire resistive materials (SFRM).
- Paintable

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/ULCS115. 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 tested and published designs or specific recommendations. End user must ultimately determine the suitability of the product and designs to his specific requirement 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.

UL CERTIFIED SAFETY US CA R14288

SpecSeal® AS Elastomeric Firestop Spray
Fill, Void or Cavity Material CERTIFIED FOR USE IN JOINT-SYSTEMS. SEE UL ONLINE CERTIFICATIONS DIRECTORY.

FM APPROVED

FBC SYSTEM COMPATIBLE

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® pipe and fittings. FBC, FlowGuard Gold, BlazeMaster and Corzan are licensed trademarks of The Lubrizol Corporation.

OMEGA POINT LABORATORIES US
W/N 20407

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® Series AS200 Elastomeric Spray.

Specified Divisions

DIV.	7	07 84 00	Through-Penetration Firestopping
DIV.	4	04 22 00	Concrete Unit Masonry
DIV.	7	07 21 00	Thermal Insulation
DIV.	8	08 44 00	Curtain Wall and Glazed Assemblies

SpecSeal FIRESTOP PRODUCTS

SERIES AS200 ELASTOMERIC SPRAY

INSTALLATION INSTRUCTIONS

GENERAL: Areas to be protected must be clean and free of oil, loose dirt, rust or scale. Recommended storage temperatures range between 40°F (4°C) and 95°F (35°C). Installation temperature shall be between 40°F (4°C) and 95°F (35°C). Although not a requirement, the optimal application temperature range is 60°F (16°C) to 90°F (32°C). When applying product at the lower end of the temperature range, warming the material to 70°F (21°C) will enhance drying characteristics. Drying time will vary according to prevailing temperature and humidity. Allow to thoroughly dry before exposure to moisture.

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

Coating may be applied by airless spray in a single pass as thick as 3/16" (4.8mm) wet coating depth, although coating thickness requirements vary according to individual design. If applying by brush or spraying on vertical surfaces where coating appears to be prone to slumping, multiple coats or the application of a thin tack coat may be required. DO NOT ATTEMPT TO THIN PRODUCT BY ADDING WATER. When dry, may be painted using most non-solvent based paints.

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.

TECHNICAL SERVICE

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL Systems, Material Safety Data Sheets and other technical information is 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. 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.

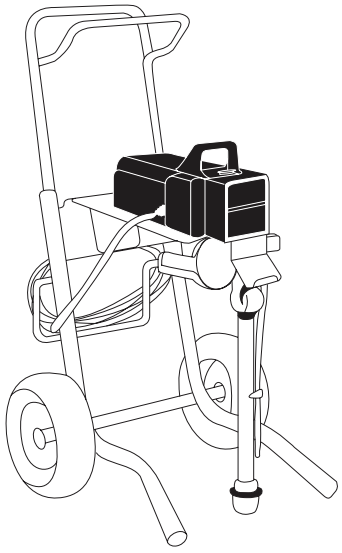
AVAILABILITY

SpecSeal® Series AS200 Elastomeric Spray is available worldwide from authorized distributors. Consult factory for the names and locations of the nearest sales representatives or distributors..

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	Model Number & Description
Titan Tool Inc.	740ix Electric Airless Sprayer
Graco Inc.	Ultra Max II 695 Electric Airless Sprayer

ORDERING INFORMATION

SpecSeal® Elastomeric Spray is available in 5 gal. pails, 55 gal. drums are available on a special order basis.

AS205	Pale Blue Color	5 gal. Pail	1,155 cu. in. (19 liters)
AS205R	Red Color	5 gal. Pail	1,155 cu. in. (19 liters)

CITY OF NEW YORK MEA 310-99-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.

NOTICE & WARRANTY

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IFC MEMBER

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