



SpecSeal® Smoke 'N' Sound Spray

SpecSeal® Smoke 'N' Sound Spray is a high quality acrylic latex spray designed for static or minimally dynamic linear joints or gaps in non rated barriers.

SpecSeal® Smoke 'N' Sound Spray is formulated to adhere to all common construction surfaces and may be applied using airless spray equipment or with a brush (for small applications and touch ups).

SpecSeal® Smoke 'N' Sound Spray dries to form a flexible shield against particulate air and smoke. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying. SpecSeal® Smoke 'N' Sound Spray contains no inorganic fibers, asbestos, or solvents.

SpecSeal® Smoke 'N' Sound Spray contains no solvents that might adversely affect plastic pipes or cable jackets.

Applications

SMOKE CONTROL: Where stopping the passage of smoke is necessary such as in smoke partitions.

NOISE CONTROL: Where reducing the transmission of sound through wall openings is necessary to help ensure occupant privacy and peaceful environment.

INFECTIOUS/DUST CONTROL: Where reducing the transmission of dust and other airborne particulates through wall openings is necessary.

Specifications

The smoke sealing spray shall be a water based, high quality latex coating and shall dry to a water resistant and flexible smoke seal when dry. The coating shall be tested for smoke sealing, noise abatement (acoustical) properties and shall meet class A finish requirements when tested in accordance with ASTM E84 (UL723). The approved coating shall be SpecSeal® Smoke 'N' Sound Spray.

Specified Divisions

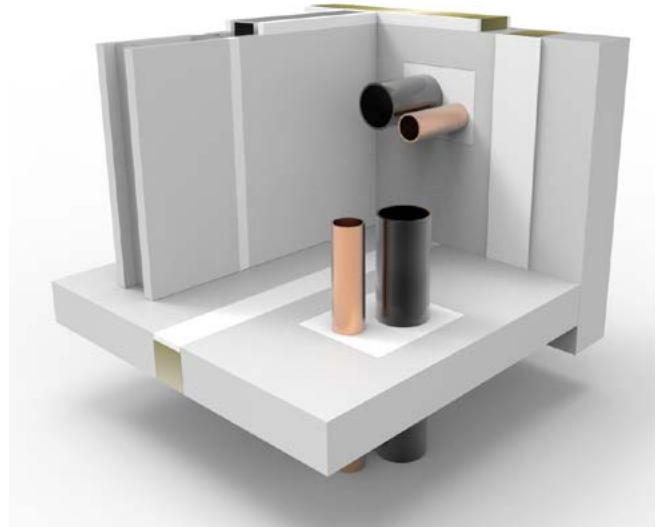
Division 7	07 90 00	Joint Protection
Division 7	07 95 00	Expansion Control
Division 9	09 20 00	Plaster and Gypsum Board
Division 9	09 80 00	Acoustical Treatment

Performance

SpecSeal® Smoke 'N' Sound Spray has superb color stability and resistance to ultraviolet rays, ozone, and airborne contaminants. It is also mildew resistant and meets Class A finish requirements for Flame Spread and Smoke Development when tested in accordance with ASTM E84. SpecSeal® Smoke 'N' Sound Spray when applied to a wet film thickness of 1/8" (3.2 mm to 1/4" (6mm) over appropriate backing materials, provides less than one cfm air leakage when tested in accordance with UL2079 or UL1479 and is also acoustically tested, demonstrating excellent sound attenuation properties.

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.**



Features & Benefits

- Economical - high performance without the high price
- Water resistant - will not re-emulsify when dry
- Water-based - easy installation, cleanup, and disposal
- Thixotropic - offers high build application
- Acoustically tested - reduces noise transmission
- Low abrasion - longer pump life and less maintenance
- Safe, no solvents, no asbestos, no PCB's, no inorganic fibers
- Non-halogenated
- Auto bonding
- Paintable when dry
- Meets LEED™ v3, v4, & v4.1 requirements. Low emitting materials credit. See general LEED letter for additional applicable credits.

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PHYSICAL PROPERTIES

Color	White
Density/Weight per Gallon	10.7 lb/gal (1.28 kg/L)
Solids Content by Weight	73.5%
Solids Content by Volume	66.2%
Flame Spread*	5
Smoke Development*	0
Mold & Fungus Growth Rating (ASTM G21)	0
Movement Capabilities	+/- 8%
Coverage	12.8 sq ft/gallon @1/8" (0.31 sq m/L @ 3.2 mm)
Viscosity	150,000 to 200,000 cps
pH	7 to 8
Solvent Content	N/A
In Service Temperature	Less than 185°F (85°C)
Storage Temperature	40°F (4°C) to 95°F (35°C)
Application Temperature	60°F (16°C) to 90°F (32°C)
Drying Time	Tack Free: 2 Hrs Dry Through: 24 to 48 Hrs
STC Rating (ASTM E90-04/ASTM C919)	61 (Relates to Specific Construction)
VOC Content**	30 g/L
Shelf Life From Date of Manufacture	24 months

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

**Per SCAQMD Rule 1168 (EPA Method 24)

Maintenance

Inspection: Installations should be inspected periodically for subsequent damage. Following safety precautions listed below 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. 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 Elastomeric 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	Model Number & Description
Titan Tool Inc.	740ix Electric Airless Sprayer
Graco Inc.	Ultra Max II 695 Electric Airless Sprayer

Availability

SpecSeal® Smoke 'N' Sound 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)
SNS205	730573011553	5 Gallon Pail - 1,155 cu in (19.0 L)	1	1	55.48 lbs (25.17 kg)

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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