

SpecSeal® Smoke 'N' Sound Acoustical Spray

SpecSeal® Smoke 'N' Sound Acoustical Spray is a waterbased, acrylic latex spray designed to seal gaps, linear joints, and openings associated with non-fire rated penetrations in wall, floor, and ceiling assemblies. When properly installed, SNS Spray forms a flexible, durable seal that limits the passage of smoke, airborne particulates, and sound through construction openings and penetration interfaces. The material may be applied in thicker sections (up to approximately 5/16 in.) and remains flexible to accommodate normal building movement.

Applications

SNS Spray is intended for use in non-fire rated assemblies where smoke, air, and sound leakage control is required at joints, gaps, and penetrations, including:

- Linear joints in nonrated wall, floor, and ceiling assemblies (gypsum, concrete, masonry)
- Interface conditions, including wall-to-wall and head-of-wall joints
- Penetration annular spaces at pipes, ducts, conduits, and other services where smoke and air sealing is required
- Acoustical partitions where continuity of the barrier must be maintained

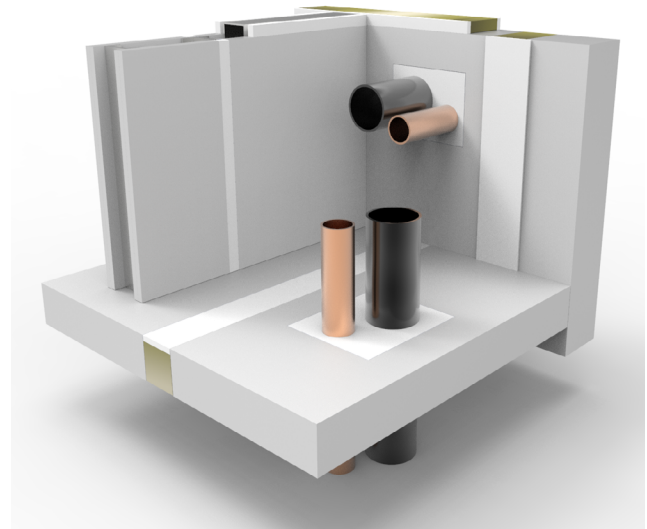
SNS Spray is applied using airless spray equipment, with brush application suitable for small areas and touchups. SNS Spray is not intended to provide fire resistance and must not be used in fire rated assemblies.

Specifications

Smoke and sound sealing material shall be a waterbased acrylic latex spray designed for use in non-fire rated assemblies. Material shall be acoustically tested in accordance with ASTM E90; demonstrate air leakage performance of less than 1 CFM/sq ft for blanks, pipes, and ducts when tested to UL 1479 (Modified), and less than 1 CFM/lin ft for joints when tested to UL 2079 (Modified); and accommodate normal building movement with joint movement capability of $\pm 12.5\%$ when evaluated in accordance with ASTM E1399. Acceptable product: SpecSeal® Smoke 'N' Sound Acoustical Spray (Series SNS200) by Specified Technologies Inc.

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



Features & Benefits

- Recommended Wet Thickness: From 1/8 in. up to approximately 5/16 in. depending on substrate and conditions
- Sag Resistance / Hang: Increased viscosity supports thicker builds with improved hang and control
- Substrate Coverage: Effectively covers mineral wool backing materials and uneven or irregular substrates
- Build Behavior: Builds evenly with successive passes, reducing runs, sag, and thin spots
- Flexibility: Maintains elasticity after cure for joints subject to normal building movement
- Water-resistant – will not re-emulsify when dry
- 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
- 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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Performance

SpecSeal® Smoke 'N' Sound Acoustical 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.

Acoustical Performance:

SNS Spray has been acoustically tested in accordance with ASTM E90 as part of representative wall assemblies.

The achievable acoustical performance of any assembly is dependent on the complete construction, including substrates, framing, insulation, and continuity of the barrier.

Smoke & Air Sealing Performance:

SNS Spray is designed to form a continuous, flexible seal that restricts the movement of smoke and air through openings in non-fire rated assemblies.

Air Leakage Performance (L-Rating):

- Blanks, pipes, and ducts: Less than 1 CFM/sq ft when tested in accordance with Modified UL 1479
- Joints: Less than 1 CFM/lin ft when tested in accordance with Modified UL 2079

Movement Capabilities:

SNS Spray accommodates normal building movement and has been evaluated for joint movement in accordance with ASTM E1399, demonstrating movement capability of $\pm 12.5\%$.

Results are dependent on proper surface preparation, installed wet film thickness of at least 1/8" (3.2 mm) thick, appropriate backing materials, and assembly configuration. SNS Spray is an acoustic and smoke sealing material and is not a firestop system.



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 (ASTM E1399)	+/- 12.5%
L-Rating – Penetrations (Modified UL 1479)	< 1 CFM / Lin Ft.
L-Rating – Joints (Modified UL 2079)	< 1 CFM / Lin Ft.
Coverage	12.8 sq ft/gallon @1/8" (0.31 sq m/L @ 3.2 mm)
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	40°F (4°C) to 105°F (41°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)

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Limitations

Use product for non-fire rated assemblies only per manufacturer's instructions. Not intended for fire rated joints or penetrations. Product is not intended to improve acoustical performance beyond that of the base assembly. 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 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.

Application Guidelines & Equipment

- Apply over clean, dry substrates free of dust, oil, frost, and loose debris
- Install to the required wet film thickness over suitable backing material
- Apply using airless spray equipment; brush application acceptable for small areas
- Allow material to dry fully before exposure to service conditions or painting

NOTICE: Spray application of SpecSeal® SNS 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.

Availability

SpecSeal® Smoke 'N' Sound Acoustical 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)

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.

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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