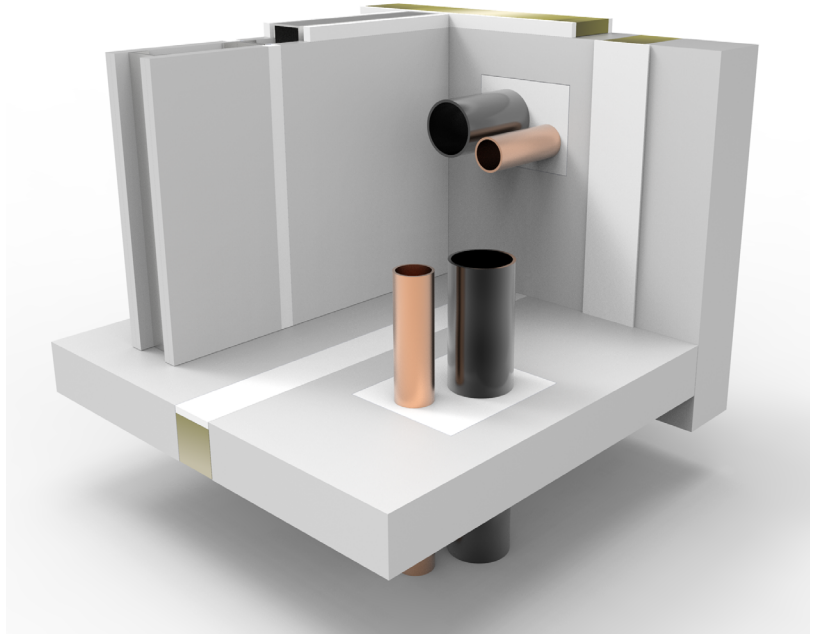


# SpecSeal® Smoke 'N' Sound Smoke and Acoustical Sealant

SpecSeal® Smoke 'N' Sound Sealant is a high quality acrylic latex sealant designed for sealing through-penetrations (such as pipes, conduits, cabling, busways, openings), membrane penetrations (such as p-traps and outlet boxes) in smoke rated walls. SpecSeal® Smoke 'N' Sound may also be used in linear applications such as wall-to-wall and head-of-wall joints where joints are designed to be either static or minimally dynamic.

SpecSeal® Smoke 'N' Sound Sealant is available in a single grade that has excellent caulking properties as well as high build properties on vertical or overhead surfaces. This single grade may be caulked (standard cartridge or bulk loaded), knifed or troweled. In addition, SpecSeal® Smoke 'N' Sound contains no PCB's nor asbestos.

SpecSeal® Smoke 'N' Sound Sealant is storage stable (when stored according to the manufacturer's recommendations), is asbestos free and will not separate nor excessively shrink when dried. Smoke 'N' Sound will adhere to all common construction and penetrant materials and contains no solvents that might adversely affect 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 caulk shall be a water based, high quality latex sealant and shall dry to a water resistant and flexible smoke barrier when dry. The sealant 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).

### 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 Sealant 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 Sealant provides less than one cfm air leakage when tested in accordance with UL1479 and UL2079 and is also acoustically tested and Certified, demonstrating excellent sound attenuation properties.

## Features & Benefits

- Economical - high performance without the high price
- Water resistant - will not re-emulsify when dry
- Water-based - easy installation, cleanup, and disposal
- Remains flexible - allows movement
- Acoustically tested, reduces noise transmission
- Paintable when dry
- Safe, no solvents, no asbestos, no PCB's, no inorganic fibers
- Auto bonding
- Non-halogenated
- Meets LEED™ v3, v4, & v4.1 requirements. Low emitting materials credit. See general LEED letter for additional applicable credits
- Compliant with ASTM C834, Type OP, Grade NF

# SpecSeal® Smoke 'N' Sound Smoke and Acoustical Sealant



## PHYSICAL PROPERTIES

Color	White
Density/Weight per Gallon	13.6 lb/gal (1.63 kg/L)
Solids Content by Weight	81.8%
Solids Content by Volume	70.1%
Flame Spread (ASTM E84 (UL723))*	5
Smoke Development (ASTM E84 (UL723))*	0
Flame Spread (CAN/ULC-S102)	0
Smoke Development (CAN/ULC-S102)	5
Mold & Fungus Growth Rating (ASTM G21)	0
Movement Capacity (Material; ASTM E1399)	+/-12.5%
Coverage	For more information on product coverage see the following documents for <a href="#">Linear Joint</a> & <a href="#">Penetration</a>
pH	7.0 to 7.5
In Service Temperature	Less than 185°F (85°C)
Storage Temperature	40°F (4°C) to 95°F (35°C)
Applicaton Temperature	35°F (2°C) to 100°F (38°C)
STC Rating (ASTM E90-04/ASTM C919)	62 (Relates to Specific Construction)
VOC Content**	20 g/L
Average Volume Shrinkage (ASTM C1241)	< 30%
Shelf Life From Date of Manufacture	24 months
ASTM C834	Complies
ASTM D217	260 77°F

\*at 14% surface coverage (modified test for sealants and caulks)

\*\*Per SCAQMD Rule 1168 (EPA Method 24)

### 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

No maintenance is normally required, however a periodic inspection of rated barriers is recommended to make sure that any new openings, modifications of previously installed seals, or areas exhibiting physical damage, have been properly sealed or repaired. Subsequent sealing or repairs should be accomplished using SpecSeal® Smoke 'N' Sound Sealant.

RETROFIT: When adding or removing penetrants, care should be taken to minimize damage to the seal. Reseal using SpecSeal® Smoke 'N' Sound.





# SpecSeal® Smoke ‘N’ Sound Smoke and Acoustical Sealant

## 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](http://www.stifirestop.com) including Safety Data Sheets (SDS’s).

## Precautionary Information

SpecSeal® Smoke ‘N’ Sound Sealant is non-flammable, non-toxic, non-irritating and environmentally safe. However, do not take internally. Refer to Safety Data Sheet (SDS) for additional information. Wash areas of skin contact with soap and water. Avoid contact with eyes. SEALANT IS CONDUCTIVE UNTIL DRY.

## Availability

SpecSeal® Smoke ‘N’ Sound Sealant 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](http://www.stifirestop.com).

ORDERING INFORMATION					
Catalog Number	UPC Number	Size	(UOM) Qty.	Case Qty.	Weight (Each)
SNS120W	730573111512	20 Oz Sausage - 36 cu in (592 ml)	1	12	2.11 lbs (0.96 kg)
SNS129W	730573111529	29 Oz Tube - 52 cu in (858 ml)	1	12	3.29 lbs (1.49 kg)
SNS105W	730573111543	5 Gallon Pail - 1,155 cu in (19.0 L) (White)	1	12	70.06 lbs (31.78 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](http://WWW.STIFIRESTOP.COM/LEGAL/WARRANTY)

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