



TECHNICAL DATA SHEET

DRAFT & ACOUSTICAL SOUND SEALANT

SC175

DESIGNED FOR USE ON SOUND-RATED WALL SYSTEMS



Description: OSI SC175 Draft & Acoustical Sound Sealant is a non-flammable, latex-based sealant specially designed to reduce sound transmissions and drafts in all types of wall systems where a sound-rated assembly is required. Its primary function is to achieve and maintain the specific STC (Sound Transmission Class) value of the system designed. This paintable sealant remains flexible and adheres firmly to wood, metal studs, concrete, gypsum board and most other building materials. It is easy-to-use and cleans up easily with soap and water.

Available As:

Item #	Size	Color
1496542	28 fl oz (828 ml)	White

Features & Benefits:

- Designed for Use on Sound-Rated Wall Systems
- UL Classification R9732 : UL 723
- Permanently Flexible
- Easy Application & Clean-Up

Recommended For:

- Developed primarily for commercial construction utilizing light weight cavity walls and floor systems
- Used successfully in office buildings, hotels, apartment complexes and other types of commercial and residential construction
- Used for exposed and unexposed applications at perimeter joints, floor and ceiling runners, cutouts in gypsum board, veneer plaster systems and other areas where a sound rated assembly is required
- Sealant can also be applied or buttered around all electrical boxes and outlets, cold air returns, heating and air conditioning ducts and other utility equipment penetrating wall surfaces for increased acoustical performance
- Works well for sealing sill and base plates in residential construction

For Best Results:

Not recommended for:

- Underwater applications or permanent water immersion
- Applications requiring temperature resistance greater than 170°F (77°C)
- Use on mirrors and metals that will corrode
- Bonding two non-porous surfaces
- Polyethylene, polypropylene, polytetrafluoroethylene (PTFE)/Teflon® or nylon
- Cement Board (Durock®)

Coverage:

For a 28 fl. oz. (825 mL) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 86 ft. (26 m)
- A 3/8" (9.5 mm) bead extrudes approximately 38 ft. (12 m)

Note: Yields shown are based on theoretical calculations, for comparison purposes, and will vary depending on ambient conditions and particular application.



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Typical Uncured Physical Properties:

Color:	White	
Appearance:	Non-slumping paste	
Base:	Synthetic Latex Rubber	
Odor:	Mild acrylic odour	
Specific Gravity:	1.589	
Flashpoint:	800.6°F (427°C)	
VOC Content:	<1% by weight	CARB
	45 g/l	SCAQMD rule 1168
Freeze/Thaw Stability:	3 Freeze/Thaw Cycles Unaffected by freezing once cured	
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	YYDDD	
	YY = Last two digits of year of manufacture	
Stamped on bottom plunger of cartridge	DDD = Day of manufacture based on 365 days in a year	
	For example: 14061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Above 40°F (4°C)	
Open/Tooling Time:	15 minutes*	
Tack-Free Time:	30 minutes*	
Cure Time:	2-7 days*	
	*Time is dependent on temperature, humidity, porosity of substrate and depth of sealant applied	
Sag or Slump:	0.10 inch	ASTM D2202

Typical Cured Performance Properties:

Color:	White	
Cured Form:	Non-flammable solid	
Service Temperature:	-5°F (-21°C) to 170°F (77°C)	
Paintable:	Yes, after 24 hours	
Surface Burning Characteristics:		ASTM E84 Inorganic reinforced cement board
Flame Spread Index:	0	
Smoke Development:	0	
Specifications:	UL Classified 48S9 (R9732) UL 723: <ul style="list-style-type: none"> Tested in accordance with and conforms to UL 723: U.B.C. Standard No. 42-1 Class I Sealant tested for surface burning characteristics Tested to or conforms to: <ul style="list-style-type: none"> ASTM C 834: Standard Specification for Latex Sealants ASTM E 84: Surface Burning Characteristics of Building Materials GreenGuard® Certified 	



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Directions:**Tools Typically Required:**

Utility knife, caulking gun and tool to puncture inside seal of cartridge.

Safety Precautions:

Wear gloves.

Preparation:

The temperature of the product, the surfaces and the working area must be above 40°F (4°C). For best performance, apply sealant at 70°F (21°C). Ensure surfaces to be sealed are clean, dry, structurally sound and free of dust, grease, oil, and other foreign contaminants. Cut off tip of cartridge at a 45° angle to desired bead size (3/8" recommended). Puncture inside seal of cartridge.

Application:

Sealant should be applied as specified in the sound-rated system being installed (either wood or metal studs). Maximum joint size should not exceed 5/8" (15.9 mm) x 1/2" (12.7 mm). If necessary, sealant can be painted as applicable to meet project requirements after 24 hours.

Bottom and Top Runners:

Apply a continuous 3/8" (9.5 mm) round bead of sealant on runners before setting gypsum board. Press gypsum board firmly into sealant, ensuring complete contact with adjacent materials. Fill joint on top runners to complete the seal. Repeat procedure for double-layer applications.

Cut-Outs and Perimeter Joints:

Backs of electrical boxes, pipes, duct systems and other types of utility equipment penetrating wall surfaces shall be buttered with sealant. Seal all joints at perimeter edges including abutting surfaces and corner joints.

Clean-up:

Clean tools and uncured adhesive residue immediately with warm water and soap. Cured sealant may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

DAMAGED BY FREEZING. Store in a cool, dry location at room temperature. For maximum shelf life store at 75°F (24°C). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

Label Precautions:

CAUTION! Contains ethylene glycol, mineral spirits, and crystalline silica. May cause skin, eye and respiratory irritation. Avoid contact with eyes and skin. Avoid breathing vapors. Use with adequate ventilation. Do not swallow. **FIRST AID:** If swallowed do not induce vomiting, call a physician or Poison Control center immediately. For eye contact, flush with water for 15 minutes, call a physician. For skin contact, wash thoroughly with soap and water. **KEEP OUT OF REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Refer to the Safety Data Sheet (SDS) for further information.

Limited Warranty:

This product is warranted to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This limited warranty gives you specific legal rights, which vary from state to state. Henkel may be contacted at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET for warranty assistance.

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