



SCS-100

SOUND CONTROL SEALANT

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

SCS-100 is used to reduce sound transmission and increase acoustical performance in gypsum wallboard partition systems. It adheres firmly to wood, metal, concrete and gypsum dry wall surfaces. SCS-100 bridges gaps and building material irregularities up to 3/8" wide and 3/8" deep. SCS-100 is non-flammable, and may be painted after curing. However, due to the wide variety of interior paints, each must be checked for adhesion prior to use.

FEATURES:

- Will not stain
- Excellent aging characteristics
- Mildew resistant
- Excellent extrudability
- No oil migration
- Excellent adhesion properties
- ½ hour tack free time
- Paintable after cure
- Low slump

SUSTAINABILITY GUIDE:

- Contributes to LEED® and other green building rating system credits:
 - LEED-NC and LEED-CI EQ Credits 4.1
 - LEED-EB MR Credit 3
 - LEED Core & Shell EQ Credit 4.1
 - Green Guide for Health Care EQ Credit 4.1
 - NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3, Low VOC Construction Adhesive

REGULATORY COMPLIANCE:

SCAQMD Rule 1168
(South Coast Air Quality Management District)
California Air District Regulations
Ozone Transport Commission (OTC) Rule for Adhesives and Sealants

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Synthetic Polymer
Solvent:	Water
Shelf Life:	1 year from Date of Manufacture*
Colors:	White
Flash Point:	N/A
Weight/ Gallon	11.79 lbs/ gallon
VOC Content	24.0 g/L (EPA Method 24)
Viscosity	400,000 – 437,500 cps
Open Time	30 minutes
Dry Time	48 - 72 hours
Solids	72.1% ± 3.7%
Coverage	38 linear feet using 3/8" bead
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall

DIRECTIONS FOR USE:

- Use only after careful consideration of the warnings, directions, and first aid instructions given.
- To seal perimeters of all sound-rated wall systems, apply a 3/8" continuous bead of SCS-100 around floor and ceiling runners, either wood or metal.
- Apply another 3/8" continuous bead around all openings formed for electrical outlets, lights, heating ducts, etc.
- Not for use in deflection track systems.
- Protect from freezing.
- Do not apply below 40F (4C).
- Do not permit installation to go below freezing within the first 24 hours after application.
- Must have at least on porous surface.
- Do not thin.

CLEAN UP:

Before sealant dries, use warm, soapy water. After sealant dries, use mineral spirits, exercising safe practices.

INDUSTRY STANDARDS:

- Meets **ASTM E90** Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
 - Test Panel without SCS-100: STC = 24
 - Test Panel with SCS-100: STC - 52
- Meets **ASTM E84** Standard Test Method for Surface Burning Characteristics of Building Materials
- **Meets ASTM C731, C732, D2202, D2203, D2377**
- Install in accordance with **ASTM C919** Standard Practice for Use of Sealants in Acoustical Applications

UNDERWRITERS LABORATORIES INC.

Classified: Adhesives R-5058 No.13
 Adhesive 309U Surface burning characteristic applied to inorganic reinforced cement board
 Flame Spread.....0
 Smoke Developed.....0
 Tested as applied in one 2-inch wide strip 0.0032 inch thick.
 (Coverage – 11% of exposed test sample area)

**KEEP OUT OF REACH OF CHILDREN
 FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
 USE ONLY WITH APPROVED EQUIPMENT**

NOTICE TO PURCHASER:

NO WARRANTIES, EXPRESS OR IMPLIED, ARE MADE INCLUDING MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. EXCEPT FOR PERSONAL INJURY RESULTING FROM USE OF THE PRODUCT AS DIRECTED, ITW POLYMERS SEALANTS NORTH AMERICA, INC. SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY LOSS OR DAMAGE. UNDER NO CIRCUMSTANCES SHALL ITW POLYMERS SEALANTS NORTH AMERICA, INC., A DIVISION OF ILLINOIS TOOL WORKS INC., OR ITS AFFILIATES (“ITW POLYMERS SEALANTS NORTH AMERICA, INC.”) BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE USER MAY SEND A SAMPLE OF PRODUCT TO ITW POLYMERS SEALANTS NORTH AMERICA, INC. FOR TESTING. IF SUCH TESTING PROVES A PRODUCT DEFECTIVE, THE USER’S SOLE AND EXCLUSIVE REMEDY IS EITHER REIMBURSEMENT OF THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE CONTAINER OF PRODUCT. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF ITW POLYMERS SEALANTS NORTH AMERICA, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATIONS OF THIS.

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Complete technical information is available from
 ITW Polymers Sealants North America, Inc.