

Seismic Sealtite™

Pre-compressed Joint Sealant,
Silicone Coated, Polyurethane Foam,
Waterproofs Vertical Applications.

PRIMARY USES
Primary Construction Joints
Vertical/Horizontal Movement Joints
Exterior Panel Systems

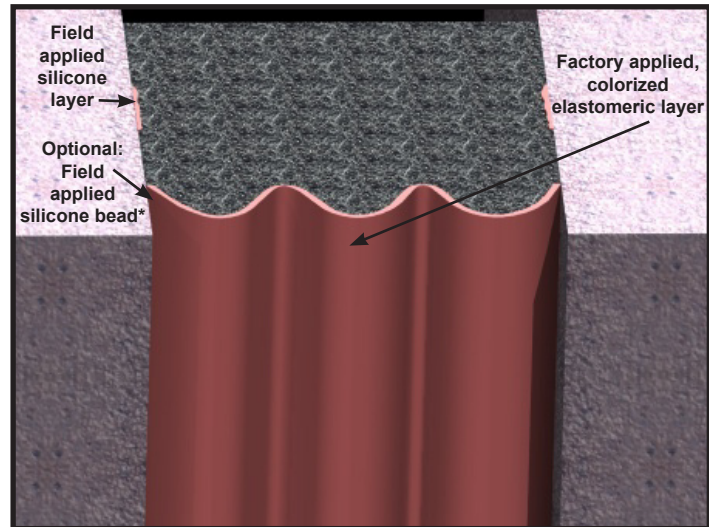
PRODUCT DESCRIPTION

- Seismic Sealtite™ is a premium quality joint sealant composed of an open micro-cell polyurethane foam impregnated with a hydrophobic, polymer sealing compound.
- Coated with a colorized, elastomeric layer of silicone.
- Developed to waterproof most larger vertical and horizontal construction movement joints or joints anticipating seismic movement.
- Provides a watertight, dustproof, airtight, UV stable, chemically resistant, sound-proof, and insulated urethane primary seal.
- Works under its own constant internal pressure to provide a permanent, watertight seal eliminating costly water damage, as well as allowing for a greater degree of joint movement.
- Once Seismic Sealtite™ is installed in the joint, the material expands depending on temperature, adapting to the width of the joint and the irregularities of the substrate provided such profile changes are not sudden or extreme.
- Developed to meet all applicable standards for pre-compressed sealants.
- Permanently resilient; The material will expand and contract with the movement of the joint under any weather condition.
- Standard Colors: Dow Corning® 790 Custom colors available upon request.
- Available Sizes (Joint Width)
*Sticks: 1/2" to 8"

(Custom sizes available upon request)

DOW CORNING® 790

Actual colors may vary. See Dow Corning® 790 Color Chart for exact color match.



*Seismic Sealtite™ does not rely on the external fillet bead to provide a watertight seal.

ADVANTAGES

- Can accommodate rapid rates of joint movement
- Supplied in pre-compressed state for ease of installation
- Does not rely on the silicone coating or on the adhesion of a field applied bead of sealant to provide a watertight seal
- Consistent depth of product
- Excellent compression recovery
- Permanently elastic and weather-tight
- Used for joints up to 8" wide
- Allows for up to 100% (±50%) movement
- Not based on asphaltic or bitumastic impregnation

PRIMARY APPLICATIONS

- Primary construction joints
- Vertical or horizontal movement – Expansion, control, and isolation joints
- Retrofit joints
- Pre-cast concrete walls – Tilt-up walls
- Exterior Panel Systems – Masonry, granite, metal, EIFS, and curtain walls
- Other joint requiring a resilient, waterproof seal.
- Ideal for larger joints that require an architectural finish.

Black	Limestone	Dusty Rose
Bronze	Precast White	Rustic Brick
Sandstone	Natural Stone	Blue Spruce
Adobe Tan	Gray	Charcoal

Seismic Sealtite™

SPECIFICATION

Sealant shall be Seismic Sealtite™ as manufactured by Schul International Company, LLC, 800-848-1120. Sealant shall be a polyurethane foam impregnated with a waterproof polymer sealing compound. Seismic Sealtite™ shall be installed in the joint in a pre-compressed state with a silicone coating on the exposed face. When compressed to 50% of its fully expanded size, Seismic Sealtite™ must provide a watertight joint. The manufacturer shall furnish a Certificate of Compliance with these requirements.

TEST DATA

Density		10 lb/cu. ft. (160kg/m ³)
Thermal Conductivity		0.05 W/m.°C
Temperature Stability Range		-40°F (-40°C) to 185°F (85°C)
Tensile Strength	ASTM 3574	21 psi min.
Ultimate Elongation	ASTM 3574	125% ±20%
Resistance to Compression Set		Max 2.5%
Shear Strength		Min 8N/cm ²
Mildew Resistance		Excellent
Staining		None
Flammability	UL 94VO Meets CAL 117	Self Extinguishing
Flash Point		590°F (310°C)
Durometer Hardness	ASTM D2240	Shore A 15pts.

LIMITATIONS

- Joints must be sized by measuring every 5-7ft. (1.524 – 2.137 meters) to ensure gap opening is uniform and depth is sufficient for the supplied material.
- Do not install when substrate or ambient temperatures are below -14°F (-25°C) or above 95°F (35°C).
- Will not adhere to surfaces contaminated by oil or grease.
- If ambient storage temperatures are below 50°F (10°C), store material at a minimum of 68°F (20°C) for a minimum of 24 hours prior to installation, regardless of temperature at location of installation.
- Store material in a dry, enclosed area, off the ground, and out of direct sunlight. Do not install when raining or snowing.

NOT INTENDED FOR

- Joints submerged in water
- Joints in contact with harsh chemicals
- Joints in roofing applications
- Joints requiring pick resistance
- Cross joints in copings and projecting stone work

WARRANTY

Subject to certain limitations Schul warrants Seismic Sealtite Expansion Joint against defects in material for a period of ten (10) years from the date of delivery, provided Schul limitations and project specific recommendations were followed.

INSTALLATION

PREPARATION

- Verify that the joint is clean, sound, and will provide an appropriate surface for installation of the joint sealant.
- Check material for the appropriate lengths, widths, and depths.
- Prepare the material for seams and proper lengths.

INSTALLATION

- Run a ¼" bead of the supplied silicone adhesive along both sides of the joint approximately ½" – ¾" back from the substrate surface.
- When fully prepared to install, open the sealant material by removing the shrink packaging and masonite strapping.
- Remove the white release liner on both sides of the material.
- Insert the material into the joint while pressing the material against the side of the joint activating the PSA (Pressure Sensitive Adhesive).
- Tool the silicone over all seams and transitions to allow for a clean, aesthetic finish.

CLEAN UP

- Remove any excess silicone left on the surface of the material or substrate.
- Remove all waste materials from the jobsite.
- Do not reuse waste material.
- Leave site to the satisfaction of the owner/architect.



International Quality Registrars Corp.
Quality System Registration



MGMT. SYS.
RVA C073
The Dutch Accreditation Council



FM
Approvals
Quality System Registration

ISO 9001: 2000 Certified

For complete installation instructions and product information, contact [Technical Support: 800.848.1120](tel:800.848.1120) or visit us on the web at www.sealtiteusa.com

Schul International Co., LLC ("the company") will refund the price of or replace, at its election, any product which it finds to be defective, provided the product has been properly used. Except as expressly stated above, the company does not make any warranty, expressed or implied, of any nature whatsoever with respect to the product or the use thereof. In no event shall the company be liable for delay caused by defects, for loss of material, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent. The foregoing is the full extent of the responsibility of the company even though the company may have been negligent.

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