

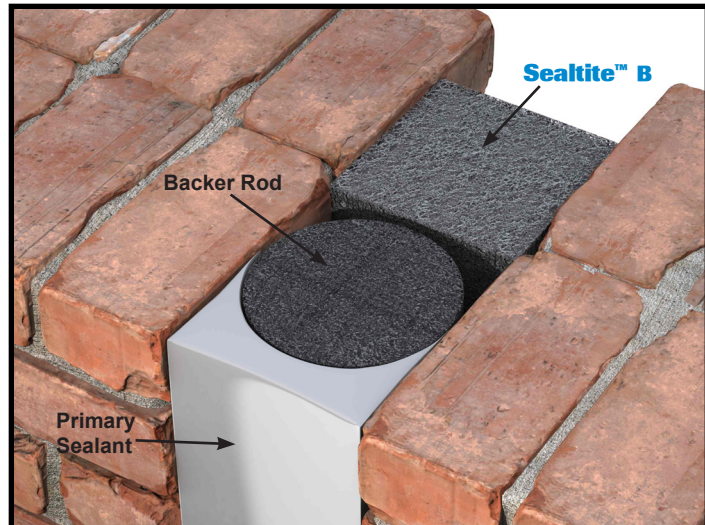
Sealtite™ B

Pre-compressed Joint Sealant,
High Density, Polyurethane Foam,
Secondary Sealant Applications.

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

PRODUCT DESCRIPTION

- Sealtite™ B is a premium quality joint sealant composed of a high density, open micro-cell polyurethane foam impregnated with a hydrophobic, flame retardant, modified acrylic.
- Performs as a redundant secondary seal independent of the surface caulking.
- Provides a watertight, dustproof, airtight, UV stable, chemically resistant, soundproof, and insulated urethane secondary 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 Sealtite™ B 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: Black and Concrete Gray
- Available Sizes (Joint Width)
Rolls: 1/8" to 2"
*Sticks: 2 1/4" to 4-3/4"
*(custom sizes available upon request)



ADVANTAGES

- Can accommodate rapid rates of joint movement
- Supplied in pre-compressed state for ease of installation
- Excellent compression recovery
- Permanently elastic and weather-tight
- Resists stretching and twisting during installation due to the Polyester scrim in the PSA (Pressure Sensitive Adhesive).
- Used for joints up to 4-3/4" wide
- Allows for up to 100% (±50%) movement
- Consistent depth of product
- Not based on asphaltic or bitumastic impregnation

PRIMARY APPLICATIONS

- Secondary construction joints - behind caulk w/ backer rod
- Vertical or horizontal movement – Expansion, control, and isolation joints
- Large joints subject to sealant failure
- Retrofit joints
- Pre-cast concrete walls – Tilt-up walls
- Exterior Panel Systems – Masonry, granite, metal, EIFS, and curtain walls
- Interior vapor, dust, acoustical and air control
- Other joints requiring a dual, independent sealant
- Joints that are difficult or impossible to repair after installation

"Liability claims in recent years against design professionals for damages resulting from leaking exterior wall assemblies have made it abundantly clear to most architects and engineers that no one can afford joint sealant problems. A truly fail-safe system is required; ideally, a double layered sealant system in which the layers are independent and different in operation."

- Kubal, M.T., "Waterproofing the Building Envelope", McGraw-Hill, 1993, pp.4

Sealtite™ B

SPECIFICATION

Sealant shall be Sealtite™ B as manufactured by Schul International Company, LLC, 800-848-1120. Sealant shall be a high density, open micro-cell polyurethane foam impregnated with a flame retardant modified acrylic that meets ASTM 518, ASTM 283, and DIN 18542. Sealtite™ B shall be installed in the joint in a pre-compressed state. When compressed to 25% of its fully expanded size, Sealtite™ B must provide a watertight joint. The manufacturer shall furnish a Certificate of Compliance with these requirements.

TYPICAL PHYSICAL PROPERTIES

Thermal Resistance	ASTM C518	3.3 hr-°F-ft ² /Btu
Temperature Stability Range		-40°F to 212°F
Resistance to Compression		Max 2.5%
Set	ASTM 3574	
Shear Strength		Min. 8N/cm ²
Thermal Conductivity		0.05W/m. °C
Tensile Strength	ASTM 3574	Meets 21 psi min.
Ultimate Elongation	ASTM 3574	125% ±20%
Mildew Resistance	UL 94VO	Excellent
Flammability	ASTM E84	Self Extinguishing Flame Spread 0
Flash Point	ASTM E331	590°F (310°C)
Water Resistance	ASTM E547	12 psf 12 psf

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.
- 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.
- 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.

NOT INTENDED FOR

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

WARRANTY

Subject to certain limitations Schul warrants Sealtite B Expansion Joint against defects in material for a period of twenty (20) 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.
- Do not un-wrap the material until ready for installation into the joint because the packaging maintains material in compression.

ROLL INSTALLATION

- When fully prepared to install, remove the outer lining surrounding the roll and the first 1"-2" of material.
- Insert the material into the joint while pressing the material to the side of the joint activating the PSA. Leave adequate space for the backer rod and primary sealant.

STICK INSTALLATION

- When fully prepared to install, open the sealant material by removing the shrink packaging and masonite strapping.
- Remove the release liner on both sides.
- Insert the material into the joint while pressing the material to the side of the joint leaving adequate space for the backer rod and primary sealant

CLEAN UP

- 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

ISO 9001:2008 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.schul.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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