

Sealtite™ B, Type II

Pre-compressed Joint Sealant,
Closed Cell, Liquid-Impermeable Foam,
Economical Solution for Secondary Sealant
Applications.

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

PRODUCT DESCRIPTION

- Sealtite™ B, Type II is a premium quality joint sealant composed of a high quality, elastic, closed-cell, polyurethane foam.
- Excellent movement capabilities; Developed to perform as a secondary seal independent of the surface caulking.
- Provides a permanent, watertight seal eliminating costly water damage, as well as allowing for a greater degree of joint movement.
- Sealtite™ B, Type II adapts to the irregularities of the substrate creating a watertight, dustproof, airtight, soundproof, and insulated urethane secondary seal.
- 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.
- Ideal for sealing large joints subject to sealant failure, hard to reach and concealed area/voids, and joints that are difficult or impossible to repair after installation.
- Standard Color: White



ADVANTAGES

- Low distortion / expansion
- Can accommodate rapid rates of joint movement
- Supplied in 24.03oz cans for ease of installation
- Excellent compression recovery
- Permanently elastic and weathertight
- Permanently conforms to varying joint contours
- Resilient and flexible (long term)
- Used for joints up to 2" wide
- Allows for up to 50% (±25%) movement
- Looks like an ordinary caulked joint, but is superior in waterproofing performance
- Paintable with water-based paints

PRIMARY APPLICATIONS

- Secondary construction joints – behind caulk w/ backer rod (or specify Sealtite B)
- 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
- Interior vapor, dust, acoustical and air control
- Masonry applications requiring a low pressure, resilient seal
- Roofing and flashing details requiring flexibility
- Other joints requiring a dual, independent sealant

“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, Type II

SPECIFICATION

Sealant shall be Sealtite™ B, Type II as manufactured by Schul International Company, LLC, 800-848-1120. Sealant shall be an elastic, low-expansion, low distortion, closed-cell liquid-impermeable sealant. Foam must be specifically designed for sealing moving joints. Sealant must allow for 50% total movement and meet the requirements of DIN 53455. After initial expansion, Sealtite™ B, Type II shall provide a watertight joint. The manufacturer shall furnish a Certificate of Compliance with these requirements.

TYPICAL PHYSICAL PROPERTIES

Fire Class	DIN 4102	Part 1 B3
Type of Foam		Gun Grade
Component System		1C
Propellants		Yes
Canister Material		Aluminum
Curing System		Moisture Curing
Mechanical Properties		Flexible
Limits - Canister Temperature		5°C-30°C
Ideal Canister Temperature		20°C
Limits - Ambient Temperature		5°C-35°C
Fill Joint Up To...		80%-90%
Density	LAB015	15-20 kg/m ³
Tack Free Time (3cm in width)	LAB014	8 min.
Curing Time (3cm in width)	LAB014	45 min.
Tensile Strength	DIN53455	65kPa
Elongation at Break	DIN53455	50%
Cell Structure		Fine Celled
Foam Color		White

LIMITATIONS

- Store material at room temperature in a dry, enclosed area, off the ground, and out of direct sunlight. Do not install when raining or snowing.
- Not UV resistant.
- Do not install when substrate or ambient temperatures are below 40°F (4°C) or above 95°F (35°C).
- Will not adhere to surfaces contaminated by oil or grease.

SAFETY

- Wear suitable protective clothing, gloves, and eye/face protection.
- Protect floor coverings with a paper/plastic film.
- Use only in well ventilated areas.

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 Sealtite B Type II 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.
- Shake the can vigorously at least 20 times before use.
- Screw the gun on the canister in accordance with the instructions.
- Follow all directions on canister.

INSTALLATION

- Always handle the canister with the valve pointing downwards.
 - The trigger on the gun and the flow adjustment screw can adjust the PU foam flow.
 - Spray only enough material to fill the joint, making certain the installed material leaves sufficient space for installation of the final sealant and backer rod, if used.
 - If there are any gaps or holes in the foam, continue to dispense until a continuous bead has formed.
 - Final caulk bead can be applied as soon as the material is tack free (typically around ten (10) minutes).
- ### CLEAN UP
- Always clean applicator if idle for more than ten (10) minutes.
 - Remove excess foam immediately with PU-cleaner or acetone (Cured foam can only be removed mechanically).
 - Do not reuse waste material. Remove all waste materials from the jobsite.
 - 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** 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.

SCHUL INTERNATIONAL COMPANY, LLC ONE INDUSTRIAL DRIVE, PELHAM, NH 03076

TELEPHONE: 800.848.1120 • FAX: 800.998.9105 • WEB ADDRESS: www.schul.com