

Iso-Flex Precom B

Secondary Sealing System

PRODUCT OVERVIEW

Iso-Flex Precom "B" is most commonly used to fill vertical and horizontal expansion joints. Used as a backup system for sealant installations, the Precom "B" system will function as a secondary seal for the sealant material. Where a truly fail-safe system is required; utilize Precom "B" as a double layered sealing system independent of the wet sealant material.

PRODUCT AVANTAGES

- Dual seal independent of the primary sealant
- Allows for up to 100% total movement
- A watertight secondary seal
- Ease of installation
- Excellent compression recovery

DESCRIPTION

It is composed of polyurethane micro-cell foam waterproofed with a hydrophobic polymer compound that is UV stable and chemically resistant. When installed in a properly sized joint, Precom forms a watertight, dust-proof, airtight, soundproof urethane insulated seal. It is permanently resilient and will expand and contract with the movement of the joint under any weather conditions. Precom "B" is the same as Precom "V" except it has a coating on one face that acts as a bond breaker for caulk. Precom "B" used as security sealant system resembles a conventional gun-caulked joint. The outside or exposed surface will be a high quality elastomeric sealant. The dramatic difference is behind the caulk. In place of ordinary backer rod is Precom "B" which goes in the joint like backer rod, but performs as super sealant, independent of the surface caulking.

INSTALLATION

Preparatory Work: Surfaces to be sealed must be sound, dry, clean and free of oil, grease, laitance, rust and other foreign material that would prevent proper adhesion. Excessive moisture will defeat the self-adhesive application advantage of the tape but will not lessen the effectiveness of the expanded material as a seal.

Remove dirt and other loose particles. No priming or masking is required.

To install: Unwind Precom "B" along the joint to be sealed, removing release liner to expose adhesive side. Discard the final three inches of each roll. It is a leader, and will not expand. Actual roll length is the nominal length plus this leader. Press adhesive side firmly against one side of full length of joint. Precom will then expand to fill the joint. Ends of Precom "B" can either be mitered or butted. When mitering or butting, leave an extra 1/2" of tape at each end to ensure proper sealing characteristics. Precom "B" will expand to fill the joint. The rate of expansion is somewhat dependent on the temperature to which the material is exposed. When installing Precom "B" in extreme heat, store in a cool place to give the installer sufficient time for placement. Installation instructions are available from Lyntal and are included with the supplied material.

TECHNICAL SERVICES

Analysis of particular project requirements and recommendations for the proper use of Precom "B" are available from the manufacturer and local representatives. Call **248-373-8100** or fax your detail to **248-373-3480**.

SHORT FORM SPECIFICATION

Seal shall be Precom "B" as manufactured by Lyntal International, Inc., 4150 S. Lapeer Rd., Lake Orion, MI, 48359 tel. 248-373-8100. Seal shall be polyurethane foam impregnated with a waterproof polymer sealing compound. Seal shall be applied to joint in a pre-compressed state.

When compressed to 50% of its fully expanded size it must produce a watertight joint. The manufacturer shall furnish a Certificate of Compliance with these requirements.

PHYSICAL CHARACTERISTICS	
Density	5.5-6.5 lb./cu. ft. (90-110 kg/m ³)
Thermal Conductivity	0.28-0.30 Btu-in/hr-°F
Temp. Stability Range	-40°F to 194°F (-40°C to 90°C)
Staining/Bleeding	DIN 18542, meets DIN req.
Tensile Strength	ASTM 3574, meets 21 psi min.
Elongation	ASTM 3574, 120% ±20%
Resistance to Compression Set	ASTM 3574, Max 4.2%
Mildew Resistance	Excellent
Staining	None
Fire Testing	ASTM 84, Flame spread 0, Smoke 5
Water Resistance	ASTM E547 & ASTM E331, 12psf

WARRANTY:

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

