

## **Iso-Flex Precom B**

### **Secondary Sealing System**

#### **PRODUCT OVERVIEW**

Iso-Flex Precom "B" is commonly used as a secondary seal in vertical and horizontal expansion joints and exterior panel systems. When 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

#### **LIMITATIONS**

- Do not install in wet conditions
- Do not use in roof applications
- Do not use in submerged conditions
- Store materials at room temperature

#### **DESCRIPTION**

Precom "B" is composed of polyurethane micro-cell foam waterproofed with a hydrophobic flame retardant, modified acrylic. When installed in a properly sized joint, Precom forms a watertight, dust-proof, airtight, sound dampening urethane insulated seal. It is permanently resilient and will expand and contract with the movement of the joint under varied weather conditions. The dramatic difference is behind the wet sealant and backer rod assembly is the Precom "B" Secondary Sealing System that goes in the joint in a precompressed state, but performs as superior 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:** DO NOT open material until ready to install. When ready to install rolled material remove outside liner and the first 2" of material. Insert the seal into the joint gap by pressing the Precom to the side of the joint gap. For stick packaged material remove shrink wrap and masonite strapping. Remove white release liner on both sides to expose adhesive. Press adhesive side firmly against one side of full length of joint. Precom will then expand to fill the joint. The rate of expansion is 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 LymTal and are included with the supplied material. When installing Precom B leave sufficient space for wet sealant and, if needed, backer rod materials. Ends of Precom B can either be mitered or butted. When mitering or butting leave an extra 1/2" of material at each end to ensure proper sealing characteristics.

#### **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 LymTal International, Inc., 4150 S. Lapeer Rd., Lake Orion, MI 48359. Seal shall be polyurethane microcell foam impregnated with a flame retardant modified acrylic. Seal shall be properly sized and installed in a pre-compressed state.

**PHYSICAL CHARACTERISTICS**

|                       |  |
|-----------------------|--|
| Density               | 10 lb./cu. ft. (160 kg/m <sup>3</sup> )              |
| Thermal Resistance    | ASTM C518<br>3.3 hr-°F-ft <sup>3</sup> /Btu          |
| Temp. Stability Range | -40°F to 212°F                                       |
| Thermal Conductivity  | 0.05W/m. °C  |
| Tensile Strength      | meets 21 psi min.                                    |
| Elongation            | ASTM 3574, 125% ±20%                                 |
| Resistance to         |  |
| Compression Set       | ASTM 3574, Max 2.5%                                  |
| Mildew Resistance     | ASTM 3574, Excellent                                 |
| Flammability          | UL94VO Self Extinguishing<br>ASTM E84 Flame Spread 0 |
| Flash Point           | 590°F (310°C)  |
| Water Resistance      | ASTM E547 & ASTM E331<br>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.

