

## **Iso-Flex Precom H**

### **Horizontal Joint Seal**

#### **PRODUCT OVERVIEW**

Iso-Flex Precom "H" is most commonly used to fill horizontal construction joints. Precom "H" has a broad range of applications in a great variety of joint types. It can seal against weather, moisture, vapor, air, sound and dust. The internal recovery force allows it to function in stationary and movement joints between similar and dissimilar materials in a wide range of temperatures. Precom "H" adjusts to variations of contour of materials forming the joint, providing such profile changes are not sudden or extreme. Ideal applications include parking garages, bridge joints, plaza decks, and other joints that require a joint solution. Precom "H" is also ideal for use as a secondary seal behind wet sealant materials. Precom "H" is resistant to gasoline, diesel fuel, solvents, salts, and acids. Contact manufacturer for specific chemical resistance data.

#### **PRODUCT ADVANTAGES**

- Design to meet the requirements of horizontal applications
- Allows up to 50% joint movement (+/- 25%)
- Precompressed for ease of installation
- Epoxy bonded system
- Excellent compression recovery

#### **LIMITATIONS**

- Measure joint gaps every 5 Ft to ensure proper sizing
- Installation range is -10°F to 95°F
- Store material at room temperature
- Store material in a dry area out of direct sunlight
- Do not install in wet conditions
- Do not use scrap material
- Do not unwrap material until ready to install
- Do not use in roofing applications
- Do not use in submerged conditions
- Not intended for joint requiring pick resistance

#### **DESCRIPTION**

Precom "H" is composed of polyurethane, micro-cell foam impregnated with a hydrophobic, modified polymer sealant compound that is UV stable and chemically resistant. Working under its own constant internal pressure Precom "H" is permanently resilient and will expand and contract with the movement of the joint under any weather condition. Precom "H" is supplied in

precompressed, self-adhesive rolled tape or stick form to allow for ease of installation.

#### **INSTALLATION**

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. Bonding surfaces should be sandblasted or abraded with mechanical grinders. Precom H is epoxy bonded in place. Complete installation information is available from LymTal International, Inc.

#### **SHORT FORM SPECIFICATION:**

Seal shall be Precom "H" as manufactured by LymTal International, Inc., 4150 S. Lapeer Rd., Lake Orion, MI, 48359. Seal shall be high density, open micro-cell polyurethane foam impregnated with a polymer sealing compound that meets ASTM 518, ASTM 283, and DIN 18542. Seal shall be installed in a pre-compressed state and at the proper size for the selected seal.

#### **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

**LymTal International, Inc.**

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product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

**PHYSICAL CHARACTERISTICS**

Density 10 lb./cu. ft. (160 kg/m<sup>3</sup>)  
 Thermal Conductivity 0.05W/m. °C  
 Thermal Resistance ASTM C518, 3.3, hr-°F-ft<sup>2</sup>/Btu  
 Temp. Stability Range -40°F to 185°  
 Staining/Bleeding None at 212° F at 20%  
 Tensile Strength ASTM 3574, 21 psi min.  
 Elongation ASTM 3574, 125% ±20%

Resistance to  
 Compression Set ASTM 3574 Max 2.5%  
 Mildew Resistance Excellent  
 UV Resistance Excellent  
 Staining None -40 to 185° F

**TECHNICAL SERVICES**

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

System	"X"	"D"	Packaging
PH050	1/2	1 1/2	21 Ft. Roll
PH062	5/8	1 1/2	14.5 Ft. Roll
PH075	3/4	1 1/2	7.5 Ft. Roll
PH100	1	2	7.5 Ft. Roll
PH125	1 1/4	2	5 Ft. Stick
PH150	1 1/2	2	5 Ft. Stick
PH175	1 3/4	2	5 Ft. Stick
PH200	2	3	5 Ft. Stick
PH225	2 1/4	3	5 Ft. Stick
PH250	2 1/2	3	5 Ft. Stick
PH275	2 3/4	3	5 Ft. Stick </td
PH300	3	3	5 Ft. Stick
PH325	3 1/4	3	5 Ft. Stick
PH350	3 1/2	3	5 Ft. Stick
PH375	3 3/4	3	5 Ft. Stick
PH400	4	3	5 Ft. Stick

