

## Iso-Flex Precom V

### Pre-Compressed Joint Seal

#### PRODUCT OVERVIEW

Iso-Flex Precom "V" is most commonly used to fill vertical construction joints. Precom "V" 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 "V" adjusts to variations of contour of materials forming the joint, providing such profile changes are not sudden or extreme. Ideal applications include precast concrete walls, tilt-up wall, EIFS wall systems, curtain walls, and other joints that require a joint sealing solution. Precom "V" is also chemical resistant.

#### PRODUCT ADVANTAGES

- Design to meet the requirements of vertical applications
- Allows up to 50% joint movement (+/- 25%)
- Precompressed for ease of installation
- 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 "V" is composed of polyurethane, micro-cell foam impregnated with a hydrophobic, flame retardant, acrylic polymer compound that is UV stable and chemically resistant. Working under its own constant internal pressure Precom "V" is permanently resilient and will expand and contract with the movement of the joint under any weather condition. Precom "V" is supplied in precompressed, self-adhesive rolled tape or stick form to allow for ease of installation.

#### 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.

Complete installation information is available from LymTal International, Inc.

#### SHORT FORM SPECIFICATION

Seal shall be Precom "V" 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 flame retardant modified acrylic 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 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

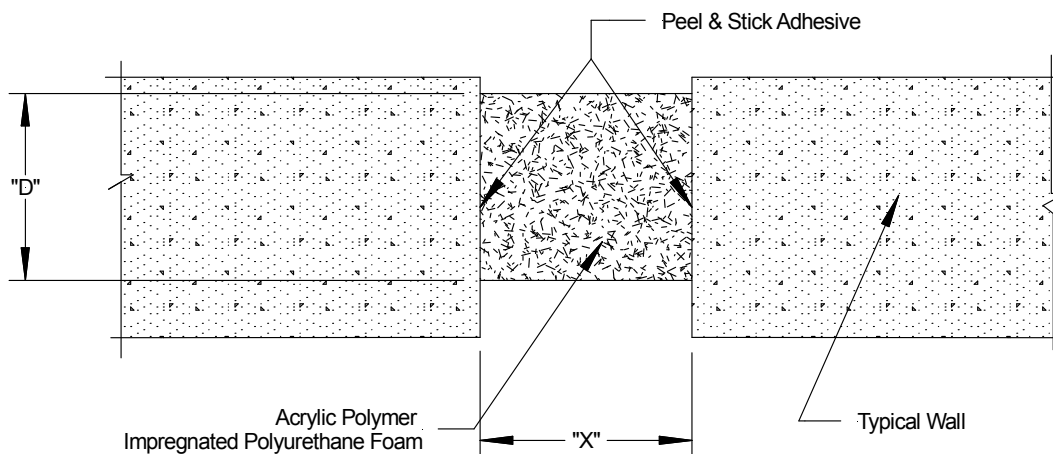
Water tightness	DIN 18542, >600Pa
Density	10 lb./cu. ft. (160 kg/m <sup>3</sup> )
Thermal Conductivity	0.05W/m. °C

Thermal Resistance	ASTM C518, 3.3, hr-°F-ft <sup>2</sup> /Btu
Temp. Stability Range	-40°F to 212°
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 212° F
Flash Point	590°F
Flammability	Self extinguishing DIN 4102-1 Class B1

### TECHNICAL SERVICES

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

System	"X"	"D"	Packaging
PV013	1/8	3/8	32.5 Ft. Roll
PV019	3/16	3/4	26 Ft. Roll
PV025	1/4	3/4	18 Ft. Roll
PV038	3/8	3/4	14 Ft. Roll
PV050	1/2	1	10.5 Ft. Roll
PV062	5/8	1	21 Ft. Roll
PV075	3/4	1 1/4	14.5 Ft. Roll
PV100	1	1 1/2	7.5 Ft. Roll
PV125	1 1/4	2	7.5 Ft. Roll
PV150	1 1/2	2	7.5 Ft. Roll
PV175	1 3/4	2	5 Ft. Stick
PV200	2	3	5 Ft. Stick
PV225	2 1/4	3	5 Ft. Stick
PV250	2 1/2	3	5 Ft. Stick
PV275	2 3/4	3	5 Ft. Stick
PV300	3	3	5 Ft. Stick
PV325	3 1/4	4	5 Ft. Stick
PV350	3 1/2	4	5 Ft. Stick
PV375	3 3/4	4	5 Ft. Stick
PV400	4	4	5 Ft. Stick



Rev.12/08

### LymTal International, Inc.

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