

Iso-Flex Precom C Colorized/Seismic Joint Seal

PRODUCT OVERVIEW

Iso-Flex Precom "C" is most commonly used to fill larger vertical construction movement joints where an aesthetically pleasing appearance is required, or where there is anticipated seismic movement. Precom "C" works under its own constant internal pressure to provide a permanent, seal while allowing for a greater degree of joint movement. Color can be matched to most popular silicone sealant colors. Primary applications are sealing precast panels, EIFS joints, isolation joints, retrofit joints, and other larger joints requiring a resilient, aesthetic and watertight seal.

PRODUCT ADVANTAGES

- Wide range of standard colors
- Can be used in joints 1" to 8" wide
- Allows for up to 100% joint mvmt. (+/-50%)
- Provides a watertight joint
- 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

Seismic Precom "C" is composed of polyurethane micro-cell foam, impregnated with a hydrophobic, modified polymer sealant compound that is UV stable and chemically resistant. This dense foam core can absorb seismic and wind sway forces because of its ability to resist compression through its excellent recovery. When installed in a properly sized joint, Precom "C" forms a watertight, dust-proof, airtight, sound insulated urethane seal. It is permanently

resilient and will expand and contract with the movement of the joint under any weather condition.

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 advantage of the tape but will not lessen the effectiveness of the expanded material as a seal. Against some substrates the silicone requires a primer. Complete installation information is available from LymTal International, Inc.

TECHNICAL SERVICES

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

PHYSICAL CHARACTERISTICS

Density	10 lb./cu. ft. (160 kg/m ³)
Thermal Conductivity	0.05W/m. °C
Temp. Stability Range	-40°F to 185°
Staining/Bleeding	None at 185° F at 20%
Tensile Strength	ASTM 3574, 21 psi min.
Elongation	ASTM 3574, 125% ±20%
Resistance to Compression Set	Max 2.5%
Mildew Resistance	Excellent
Flash Point	590°F

LymTal International, Inc.

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SHORT FORM SPECIFICATION

Seal shall be Seismic Precom "C" 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 modified polymer-sealing compound that meets ASTM 518, ASTM 283 and DIN 18542. Sealant shall be applied to joint in a pre-compressed state with a silicone coating on the exposed face. When compressed to 25% of its fully expanded size it must produce a watertight joint.

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.

Product	"X"	"D"	Packaging
PC100	1	1 1/2	5 Ft. Stick
PC125	1 1/4	2	5 Ft. Stick
PC150	1 1/2	2	5 Ft. Stick
PC175	1 3/4	2	5 Ft. Stick
PC200	2	2	5 Ft. Stick
PC225	2 1/4	2	5 Ft. Stick
PC250	2 1/2	2	5 Ft. Stick
PC275	2 3/4	3	5 Ft. Stick
PC300	3	3	5 Ft. Stick
PC325	3 1/4	3	5 Ft. Stick
PC350	3 1/2	3	5 Ft. Stick
PC375	3 3/4	3	5 Ft. Stick
PC400	4	3	5 Ft. Stick

