

Iso-Flex Precom ACU

Air and Sound Dampening Barrier

PRODUCT OVERVIEW

Iso-Flex Precom ACU is an acrylic impregnated, flame retardant, foam seal that is faced with an elastomeric silicone layer and is used to fill horizontal and vertical, interior construction and expansion joints. Precom ACU has a broad range of applications allowing it to seal against moisture, vapor, air, sound and dust. The internal recovery force allows it to function in static and dynamic joint conditions between similar and dissimilar materials in a wide range of temperatures. Precom ACU adjusts to variations of contour of materials forming the joint, provided such profile changes are not sudden or extreme. The full width of seal must remain under compression in order to provide a proper noise dampening solution.

PRODUCT ADVANTAGES

- Supplied in an oversized, easily compressible form to allow for ease of installation
- Excellent compression recovery
- Permanently elastic and protects against dust, air, and sound transfer
- Used for joints up to 6" wide
- Can be coated with silicone on one, two or three of the material faces
- Not based on asphaltic or bitumastic impregnation

LIMITATIONS

- Measure joint gaps every 5-7 Ft to ensure proper sizing
- Installation range is -14°F to 95°F
- Will not adhere to surfaces contaminated by oil or grease
- Store material in a dry area out of direct sunlight.

DESCRIPTION

Precom ACU is composed of fire retardant, polyurethane, micro-cell foam impregnated with a hydrophobic, modified polymer sealant compound that is UV stable and chemically resistant. Precom ACU is factory coated with either Dow Corning 790 or Pecora 890 silicone facing. Working under its own constant internal pressure Precom ACU is permanently resilient and will expand and contract with the movement of the joint. Precom ACU is supplied in self-adhesive stick lengths to allow for ease of installation

AVAILABLE SIZES

Precom ACU is provided in widths ranging from 1" up to 6", in 1/4" increments. All sizes provided in 6.5 Ft. stick lengths. ACU depths vary as outlined:

- 1.0"-1.75": 2" Depth
- 2.0"-3.75": 3" Depth
- 4.0"-6.00": 4" Depth

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. Joint surfaces should be clean, dry and sound. Complete installation information is available from LymTal International, Inc.

SHORT FORM SPECIFICATION:

Seal shall be Precom ACU as manufactured by LymTal International, Inc., 4150 S. Lapeer Rd., Lake Orion, MI, 48359. Seal shall be high density, flame retardant, open micro-cell polyurethane foam impregnated with a modified polymer-sealing compound, with a factory applied silicone face. Approved 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.

LymTal International, Inc.

4150 South Lapeer Road □ Lake Orion, MI 48359 □ Tel (248) 373-8100 □ Fax (248) 373-3480 □ www.lymtal.com

TECHNICAL SERVICES

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

SOUND TRANSMISSION LOSS (ASTM E90)

STC Rating= 50 (Sound Transmission Class)

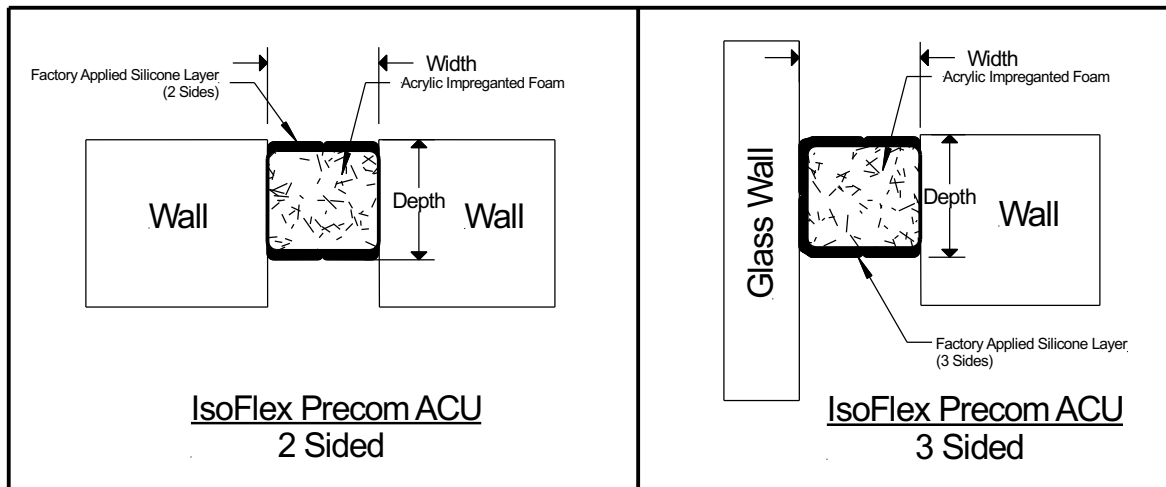
OITC Rating= 46 (Outdoor/Indoor Transmission Class)

PHYSICAL CHARACTERISTICS

Foam Seal

Thermal Conductivity	0.05W/m.°C
Durometer Hardness	ASTM D2240, Shore A 15pts
Temp. Stability Range	-40°F to 248°
Staining/Bleeding	None
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
Flammability	Self Extinguishing
Flash Point	590°F

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