

Iso-Flex Precom ACU Installation Procedures

General Instructions

The expansion joint opening shall be a consistent width along its entire length, or be within the established width dimensions for the specified seal for the particular project. Also ensure that the depth of the joint is sufficient for the supplied material. See the spec data sheet for the seal depths and ensure there is adequate available depth to install the joint system with at least a ¼” recess.

Verify that the joint gap is clean, sound and will provide an appropriate surface for installation of the joint system. It is recommended that the joint surface walls are wiped with a dampened rag using water or alcohol.

The Precom ACU joint system is packaged in 6.5 Ft stick lengths and shipped in cardboard boxes. Store materials in a dry, enclosed area, making sure materials are off the ground and out of direct sunlight.

Installation:

To ensure a proper fit add ½” to the joint length and cut the Precom ACU to required lengths. Utilize a sharp knife to cut the joint seal material. A miter box should be used to ensure end cuts are square and straight. Mineral spirits can be applied to the knife for a smoother cut.

When fully prepared to install the joint system apply a 1/16” coating of the provided silicone sealant to the joint walls using a margin trowel. Ensure that the silicone is applied to the full depth of the seal being installed. The silicone sealant must be wet when installing the Precom ACU seal. The working time of the provided silicone is 20-30 minutes, depending on temperature.

It is recommended to install the Precom ACU seal from the bottom and working upward. Do not excessively push or pull the material as this will cause it to stretch, resulting in possible damage.

Install the joint seal into the joint gap using a blunt putty knife and your hand to compress the opposite sides of the material and slide it into the joint. Use care with tools so as not to damage the seal material. When fully installed the factory applied silicone surface should be flush, and not protruding above the finished surface.

Butt Splice Treatment:

As each 6.5 ft stick length of material is being installed into the joint it is necessary to apply a film of the provided "Flexible Seal" sealant to the end mating with the previously installed piece. The Flexible Sealant is provided in 10.6 oz cartridges. The sealant should be spread evenly throughout the butt end of the foam portion of the seal.

The ends of the abutting seals should then be pressed firmly together as installed. Do not allow the Flexible Seal sealant to come into contact with the factory applied silicone sealant.

A bead of the supplied silicone sealant should also be placed at the butt joint. Apply the silicone to the surface of the factory applied silicone sealant. Allow ample time for curing.

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