

Iso-Flex Precom “C” 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.

Edge spalling, sharp projections and concrete voids shall be repaired prior to proceeding with the installation of the Iso-Flex Precom Joint Sealing System. Any repair materials used should be allowed to fully cure per product manufacturer’s recommendations before the installation is begun.

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. Other than concrete, some surfaces will require priming prior to silicone application.

As installation is initiated ensure having the proper size and quantity of material. Precom C is packaged in 5-foot stick lengths. **Be sure to store the material out of direct sunlight. It is recommended to store the material at a maximum of 70F for a minimum of 24 hours prior to installation.**

Remove shrink wrap and Masonite strapping from the Precom seal. Remove the release paper exposing the pressure sensitive adhesive (PSA) in preparation for installation. Place the seal into the joint gap, pressing it to one side of the joint using either a putty knife or by hand. Note that vertical joints should be started from the bottom. Continue along the joint length until complete. During installation it is important to push the Precom seal into place. **DO NOT** pull on the seal during the installation process.

For Precom C sizes of 6” or larger, epoxy Bonding Adhesive will be provided to bond the sidewall of the system into place.

As each stick length of material is being installed into the joint it is necessary to apply Flexible Seal sealant to the end mating with the previously installed piece. The sealant should be spread evenly along the entire end of both pieces. It is recommended that the Precom seal be installed with a ¼” recess.

Precom “C” is provided with a factory applied silicone sealant on the exposed surface. Once the joint length has been installed and after the Precom seal has expanded into place it is required to seal off the system with a bead of silicone sealant along the exposed joint interfaces. Tubes of the silicone in the color of the Precom seal are provided with each shipment. A ¼” bead of sealant is recommended and assumed. When installation is made against metallic substrates it may be necessary to apply a primer. Consult LymTal for further information.

In cool weather conditions wooden wedges may be used to hold the Precom in place until the seal has expanded to fill the gap. It is always important to add a small amount of extra material to the length of the joint gap to ensure a watertight seal.

If the material expands before you are ready for installation, it is possible to re-compress by hand prior to the removal of the release paper. If the release paper has been removed, by wetting your hands you can recompress the seal. Water will not adversely affect the seal.

Horizontal Installations

Refer to Precom H-SL spec data for those horizontal applications requiring a watertight foam seal.

03/23