

Iso-Flex Hydroseal 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. Iso-Flex Hydroseal is an uncompressed product and is sized to be larger than the expansion joint gap.

Edge spalling, sharp projections and concrete voids shall be repaired prior to proceeding with the installation of the Iso-Flex Hydroseal. Any repair materials used should be allowed to fully cure per manufacturer's recommendations before the installation is begun. The concrete surfaces shall be clean and free of oil, grease, rust and other foreign materials that would inhibit bonding of the adhesive materials.

The Iso-Flex Hydroseal is packaged in 5 Foot stick lengths and boxed bundles. To ensure a proper fit add ½" to the joint length and cut Hydroseal as determined.

Hydroseal is shipped along with epoxy gel adhesive. When utilizing the epoxy gel, mix the part A & B components and apply a bead of material approximately ½" from the exposed surface along the length of each interface. Install the Hydroseal by placing the seal at an angle into the joint gap, then compress the opposing side of the joint seal using either a putty knife or by hand, slipping the seal into the joint gap. Note that vertical joints should be started from the bottom. Continue along the joint length- until complete. Recess the surface of the seal by ¼" or as desired for aesthetic reasons.

It is always important to add a small amount of extra material to the length of the joint gap to ensure a watertight seal.

Splicing of the stick lengths is accomplished by miter cutting each end, and heat welding or buttering the interface with a silicone or polyurethane sealant and then forcing the spliced connection together.

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