

Iso-Flex Color Foam Seal 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 Color Foam Seal is an uncompressed product and is commonly sized to be 25% 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 Color Foam Seal. 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 Color Foam Seal is packaged in 5 Foot stick lengths and boxed bundles. To ensure a proper fit add ½" to the joint length and cut Color Foam Seal as determined.

Color Foam Seal is shipped along with epoxy gel or silicone bonding sealant. This option is available based on project requirements. 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. When utilizing the silicone bonding sealant, prime both sides of the joint gap to a point 2 ½" deep. Next place a bead of the sealant along the primed surface, ½" from the exposed surface. Install the Color Foam Seal 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.

Color Foam Seal is provided with a factory applied silicone sealant on the exposed surface. It is at your option to finish off the seal with a bead of complementary silicone along the interfaces of the installation.

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, buttering the interface with silicone, and then forcing the spliced connection together. A surface bead of color-complemented silicone is then applied at the splice line.

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