

Iso-Flex Drain Guard Installation Procedures

1. Begin by completing all of the necessary repair work to the substrate surrounding the expansion joint system. Ensure that the pertinent dimensions are within the tolerances specified for the Iso-Flex Drain Guard System.
2. Lay flat the neoprene gutter assembly and mark the locations where the drain tubes should be attached. Cut a small hole in the neoprene where the drain tube assembly will attach. Make sure that the hole is smaller than that of the drain tube assembly.
3. Roughen up the surface area where the drain tube assembly will be bonded. Wipe with solvent to ensure a clean surface. Remove the protective tape from the drain tube assembly and position it over the hole in the neoprene gutter. Using a seam roller, ensure full contact of the drain tube assembly.
4. Position the Iso-Flex Drain Guard assembly on the under side of the slab, then pinch it in place using the metal retainers. Use one of the metal retainers as a template and drill the necessary holes for the anchors. Refer to LymTal International Drawing No. 1119 for specific information.
5. Fasten the gutter in place using the anchors and the metal retainers. Install a urethane sealant in the void at the end of the retainer. Attach drain tube (supplied by others) to the previously attached drain tube assembly.
6. If using end caps or if splices are required, start by laying the neoprene gutter bottom side up, giving access to the underside of the gutter. Roughen up the gutter system at least 3.5" each side of where the splice will be located. Wipe with solvent. Line up each end to be spliced (must be within 1/64" of each other), peel away the protective tape from the splice strip and place it over the splice. Using a seam roller, ensure full contact between the splice strip and the neoprene gutter, especially at the edges.
7. Carefully flip the system over exposing the topside of the gutter. Prop up the area of the splice, opening up the gap between the two pieces. Carefully roughen up 1" on both side and the two edges of the splice. Install a small bead of the Silaprene adhesive sealant. Lay the system flat again and remove any excess Silaprene.

Rev 12/03