When Protecto Wrap® Self-Adhered Roofing Underlayments are used as waterproofing on roofs less than 2:12, the following guidelines are recommended to reduce the possibility of a leak:

1.) Protecto Wrap Ice & Water Guard™ should be used as the first course on the roof deck. This product is a unique, internally reinforced waterproofing roof underlayment, with adhesive on both sides. Starting from the low point of the roof, install a 18” course along the roof’s edge. Overlay the second 36” wide course a min. of 2” in a shingle fashion up the roof. End laps should overlap a min. of 6”. Leave the polyethylene release facer, found on top of the Ice & Water Guard™, in place (except at edge and end laps) until ready to apply the second layer of waterproofing.

2.) When applying the top layer, remove the polyethylene release liner on top of the Ice & Water Guard™ and apply the Rainproof underlayments following our standard installation procedures, while always allowing alternating seams to the first layer of Ice & Water Guard™. Seam laps of the second layer should be a min. of 2” and end laps a min. of 6”. Care should be taken to insure that the top layer of material is lined-up straight with the edge of the roof, once the adhesive of the two membranes touch repositioning will be difficult.

3.) Apply a 3/8” troweled bead of JS 160H Mastic™ to all seams, terminations, T-joints and details per industry standard for low slope waterproofing procedures.

4.) Follow standard plaza deck waterproofing details.