

TECHNICAL LETTER—ROOFING UNDERLAYMENTS ON SLOPES LOWER THAN 2:12 PITCH

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.

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