



## PEEL & STICK ROOFING UNDERLAYMENT

### Epistik Ice & Water Installation Instructions



## Surface Preparation

### PREPARATION:

1. Ensure the deck surface is free of nails, protrusions and other debris that can possibly damage the product; it should have a smooth even surface with no voids and deck should be moisture free. Priming is not required for attaching to wood surfaces when the temperature is above 40°F. Concrete and masonry decks should be primed with a solvent or a water- primer that meets ASTM D41 for asphalt based self-adhesive membranes.
2. For re-roofing projects please replace any water damaged sheathing and clean the roof deck and make sure it is free of dust,dirt and loose nails. Do not install over old roof covering.
3. Please do not use salt for ice removal over the surface.

### Application

Apply only when the weather is dry and material interface temperatures (air, roof deck, membrane) are 40°F and rising.

- Cut Epistik™ Ice & Water roll to suitable, workable lengths before installation.
- Place a full width piece of the pre-cut Epistik™ Ice & Water underlayment on the substrate, parallel to the eave (low) edge of the roof.
- Align Epistik™ Ice & Water so that it is parallel with the edge of the eave and extend over the eave and rake approximately 3/8".
- Place the Selvage Overlap on the up side of the roof, fold back the sheet, and remove the exposed release film, taking care not to displace the sheet.
- Working from the center out, roll the sheet onto the substrate, taking care to avoid wrinkles and ridges. Epistik™ Ice & Water must be set straight. Repeat this process for the remaining half of the sheet.
- Starting at the middle and extending to one end of Epistik™ Ice & Water, drive securing nails in 18" centers in the Selvage edge overlap area, 1 ½" from the edge. Do not drive the nails all the way in.
- Backroll the unsecured portion of the roll up the middle where the first securing nail is driven.
- Apply a 1/16" thick layer of roofing lap cement over the eave and rake metal drip edges extending 2" to 3" onto the deck surface where the roll will intersect.
- Remove the securing nails from the other half of Epistik™ Ice & Water, backroll and apply in like manner.
- On slopes greater than 2:12, drive nails flush in the selvage area 1 ½" from the edge on 18" centers, after Epistik™ Ice & Water has been applied and prior to the next overlapping course.
- Apply full roll width, a 1/16" thick layer of roofing lap cement to the surface of the first course in the 6" end lap area before adhering the next course.
- Apply the next eave course in the same manner overlapping the first course at the end lap by 6".
- Lap the succeeding course over the lap area.
- Apply succeeding courses in like manner, as in steps above.

## **EpiStik™ I&W**

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- Stagger the end laps a minimum 3' from the preceding course.
- Install capped or tin tagged nails 6 inches on center in the middle of the selvage edge (side lap) or fasten according to applicable Building Codes.
- At the T-Joint (where an end lap and next overlapping course intersect), apply a bead of roofing lap cement before the overlapping course is laid.
- Roll the entire membrane surface, paying special attention to side laps, end laps and T-joints. Roller weight shall be 70 lb. minimum for low slope ( $\leq 2:12$  pitch) and 28 lb. minimum for steep slope ( $> 2:12$  pitch).
- Stagger the end laps a minimum 3' from the preceding course.
- Install capped or tin tagged nails 6 inches on center in the middle of the selvage edge (side lap) or fasten according to applicable Building Codes.
- At the T-Joint (where an end lap and next overlapping course intersect), apply a bead of roofing lap cement before the overlapping course is laid.
- Roll the entire membrane surface, paying special attention to side laps, end laps and T-joints. Roller weight shall be 70 lb. minimum for low slope ( $\leq 2:12$  pitch) and 28 lb. minimum for steep slope ( $> 2:12$  pitch).
- EpiStik™ Ice & Water must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.

### **Storage:**

1. EpiStik™ Ice & Water should be stored at room temperature preferably between 0° F and 90°F, upright in the original cardboard
2. Please only remove rolls from the storage area on the day of the usage.
3. If the recommended temperature range storage area is not available, it is recommended that the material be heated to a minimum temperature of 40°F prior to application.

