



## **APPLYING IKO'S STORMSHIELD ICE & WATER PROTECTOR**

### **Caution**

- Read all instructions before proceeding with application.
- Membrane must always be covered by shingles or other roofing materials. It must not be left exposed to the weather.
- This product is a vapour retardant. Space under roof deck must be properly ventilated to avoid moisture condensation.
- In cool temperatures membrane should be tacked in place with mechanical fastenings.
- Installation is not recommended when air and substrate surface temperatures are less than 5°C (40°F).

### **APPLICATION DIRECTIONS**

#### **Surface Preparation**

- The roof deck must be clean, smooth, dry and free of sharp protrusions.
- Metal and masonry surfaces must be primed.

#### **Installation**

1. Cut the membrane into 3 m to 4.5 m (10 ft. to 15 ft.) lengths.
2. Unroll and align with the lower edge of roof. Tack top edge with four equally-spaced temporary fasteners.
3. Lift the lower half and remove the lower release film, exposing the adhesive surface.
4. Carefully reposition the membrane down onto the deck and press firmly in place. Avoid wrinkles. Remove temporary fasteners.
5. Fold top half down and remove release film.
6. Carefully reposition the membrane up onto the deck and press firmly in place. Avoid wrinkles.
  - If two courses are required, the top course should overlap the selvage tape on the lower course by 75 mm (3").
  - End laps must be at least 15 cm (6") and rolled to ensure adhesion and should be located at least 61 cm (24") from those in the previous course.
  - Apply each course carefully.
  - Best suited for low sloped roof areas. Cover entire area with StormShield Standard Ice and Water Protector, lapped as outlined above, and then shingle as per normal shingle exposures.

#### **Valleys and Ridges**

- Cut the membrane into 1.2 m to 1.8 m (4 ft. to 6 ft.) lengths. In the valley, start at the low point and work upwards, overlapping each sheet at least 15 cm (6"). Peel off the release film and centre the sheet over the valley or ridge. Drape and press in place working from the centre outward toward the edges.
- Membranes must not be left exposed in an open valley.

#### **Ice Dam Protection**

- Membrane must be applied to reach above the highest expected level of ice dams, and at least 61 cm (24") up the roof from the vertical projection of the interior surface of the outside wall.

#### **Drip Edge**

- Drip edges must be located under the membrane at the eaves, and over the membrane at rake edges.

#### **Note**

- Do not remove selvage tape.

#### **Storage**

- Store rolls in their carton until application. Store inside or under cover not over 40°C (104°F).

