



# GoldShield™

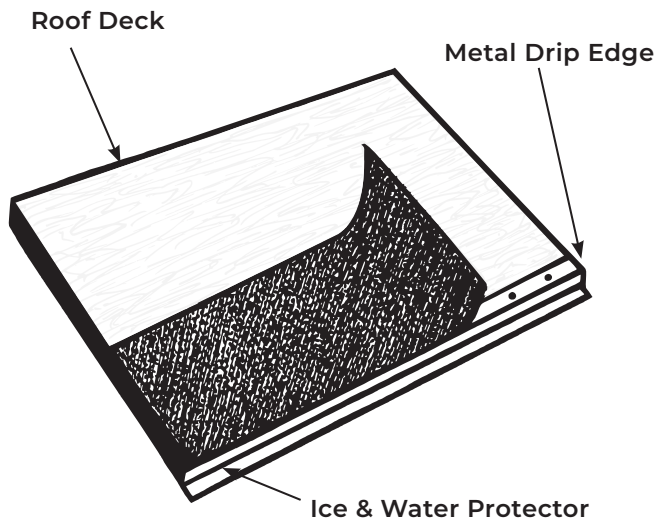
ICE AND WATER PROTECTOR

## Application Instructions

ENGLISH

**IMPORTANT MESSAGE • PLEASE READ!** Products must be applied properly. IKO assumes no responsibility for leaks or defects resulting from poor application or failure to properly prepare the surface to be roofed over, or failure to provide proper ventilation in accordance with minimum property standards requirements. Review all applicable building codes, minimum property standards, and requirements prior to applying these products. Use caution when stacking product on sloped roofs.

## STEPS 1-4



### STEP 1:

**PREPARE THE ROOF DECK:** Deck must be smooth, firm, clean, dry and securely nailed. Wood panel decking is to be exterior grade, conforming to building code requirements. Panels are to be 3/8" (9.5 mm) min. thick plywood, or 7/16" (11 mm) min. thick non-veneer. The installation of this product on dimensional lumber (including shiplap/board decks) is not recommended as it may potentially cause buckling problems, and may not be covered by the applicable Asphalt Shingle Limited Warranty.

### STEP 2:

**APPLY DRIP EDGE ALONG EAVES:** Apply metal drip edge directly to the deck along the eaves, spacing nails approximately 12" (305 mm) apart.

### STEP 3:

**EAVE PROTECTION:** Apply IKO's GoldShield Ice & Water Protector, as per building code requirements and these instructions, overhanging eaves by 1/4" (6.35 mm) to 3/4" (19 mm) and extending up the roof at least 24" (610 mm) from the vertical projection of the interior surface of the outside wall.

### STEP 4:

Cut the membrane into 10' to 15' (3 m to 4.5 m) lengths and reroll.

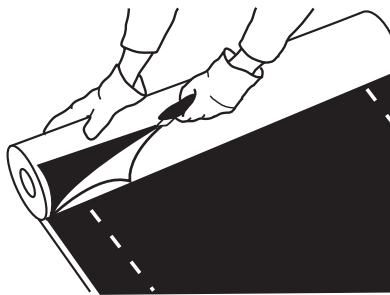
## STEP 5



## STEP 5:

Carefully slit the release paper on a 45° angle as shown in the diagram. **DO NOT CUT THROUGH THE MEMBRANE.** Remove the slit corner of the release paper exposing the adhesive backing. This corner will be used to hold the material in place as you begin installation.

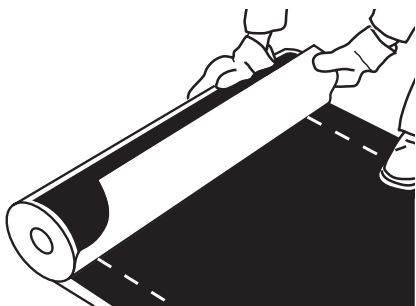
## STEP 6



## STEP 6:

Carefully slit the release paper at the top of the roll as shown in the diagram. **DO NOT CUT THROUGH THE MEMBRANE.**

## STEP 7



## STEP 7:

Peel back approximately 6" (15 cm) of the release paper to expose the adhesive. Peel the release paper in the opposite direction that you are applying the membrane.

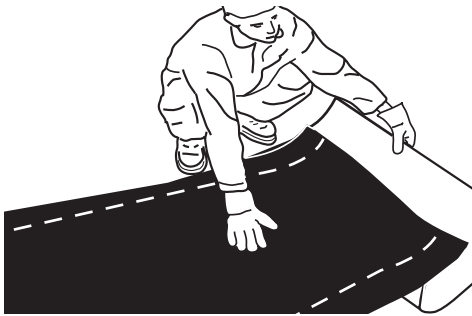
### STEP 8



### STEP 8:

Pull the release paper in the direction that you are applying the membrane, applying pressure to the membrane as you proceed. Avoid any wrinkles. The membrane will adhere to the deck.

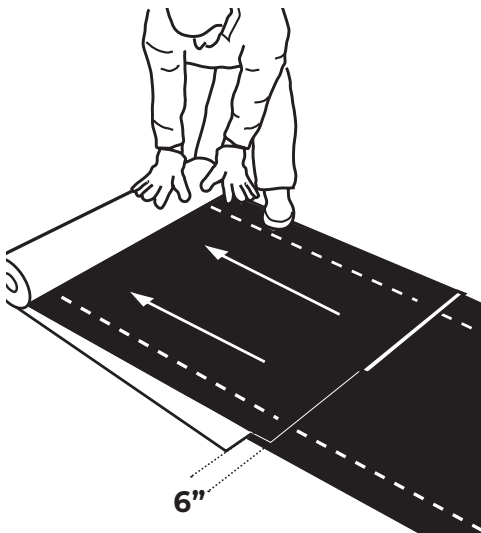
### STEP 9



### STEP 9:

Once you have finished laying the membrane, go back to the beginning of the roll, and pull off the release paper at that end.

### STEPS 10-11



### STEP 10:

Unroll the next piece of material ensuring that there is an overlap of 6" (152 mm). Do not remove release paper at this time. Unroll 3'-6" (1-2 m) of membrane. Repeat Steps 5 – 9.

If two courses are required, the top course should overlap the lower course to the lap line.

### STEP 11:

End laps must be at least 6" (152 mm) and rolled to ensure adhesion and should be located at least 24" (61 cm) from those in the previous course.

**FOR LOW-SLOPED ROOF AREAS:** Cover entire area with GoldShield Premium Ice & Water Protector, lapped as outlined above, and then apply shingles as per normal shingle exposure.

**VALLEYS AND RIDGES:** Cut the membrane into 4' (1.2 m) to 6' (1.8 m) lengths. In the valley, start at the low point and work upwards, overlapping each sheet at least 6" (15 cm). Peel off the release paper and center the sheet over the valley or ridge. Drape and press in place working from the center 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 24" (61 cm) up the roof from the vertical projection of the interior surface of the outside wall.

**DRIP EDGE:** Drip edge must be located over the membrane at rake edges.