



# IKO ARMOURGARD™ / IKO STORMSHIELD® ICE & WATER PROTECTOR APPLICATION INSTRUCTIONS

## IMPORTANT MESSAGE • PLEASE READ!

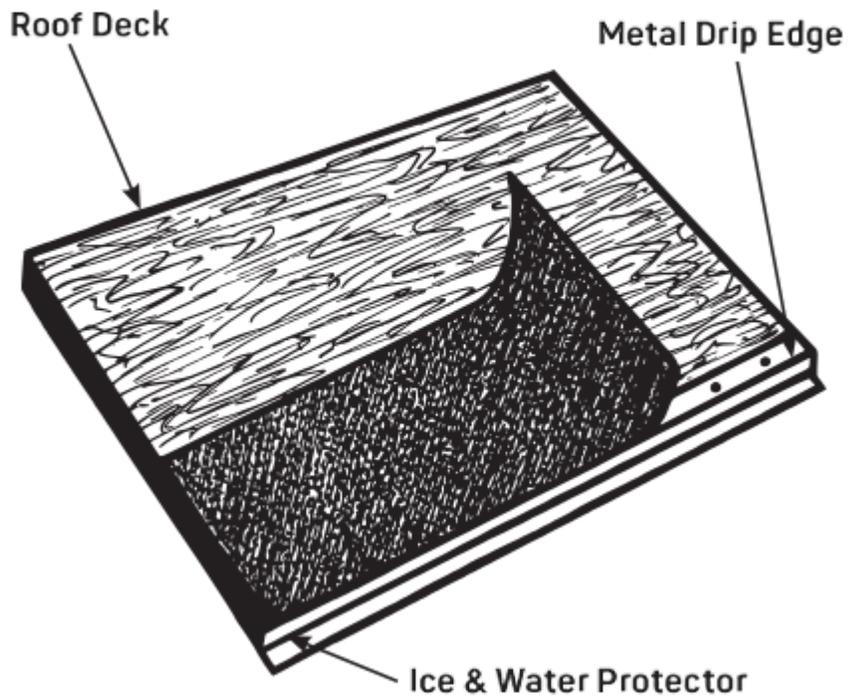
**NOTE :** Products must be applied properly. IKO assumes no responsibility for leaks or defects resulting from poor application or failure to properly prepare the surface to be roofed over, or failure to provide proper ventilation in accordance with minimum property standards requirements. Review all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

**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 edges directly to the deck along the eaves, spacing nails approximately 12" (305 mm) apart.

**STEP 3: EAVE PROTECTION:** Apply IKO Ice and 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" (61 cm) beyond the interior wall line.

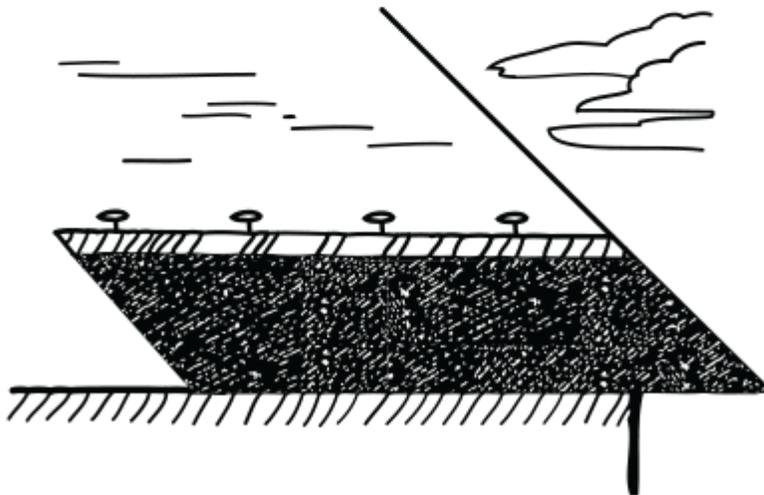
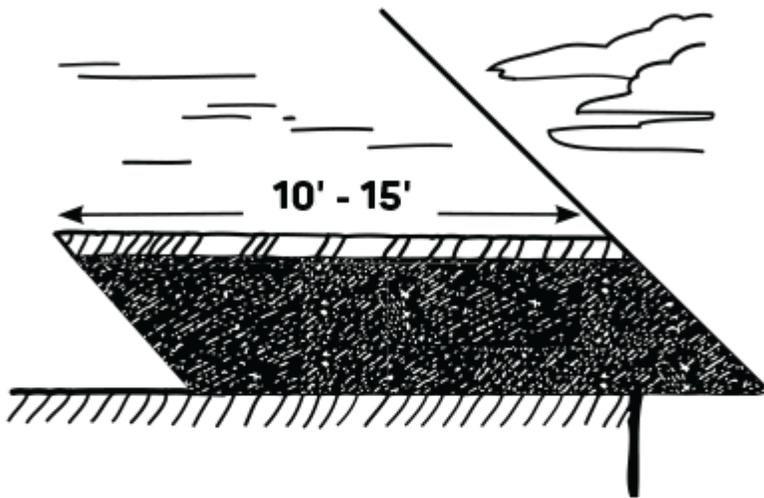
## STEPS 1-3



**STEP 4:** Cut the membrane into into 10' (3 m) to 15' (4.5 m) lengths.

**STEP 5:** Unroll and align with the lower edge of the drip edge (if used), or the lower edge of the roof overhanging eaves by 1/4" (6.35 mm) to 3/4" (19 mm). Tack top edge with four equally-spaced temporary fasteners. ArmourGard / StormShield have a 2-piece release film, split down the center of the roll along the long dimension.

## STEPS 4-5

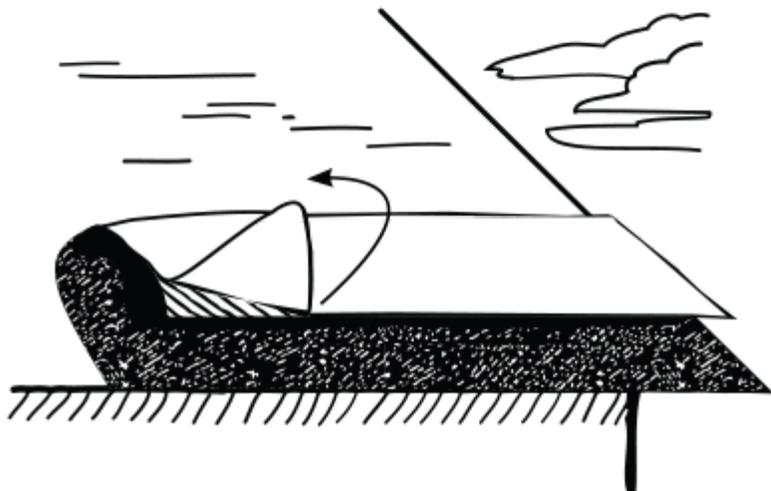
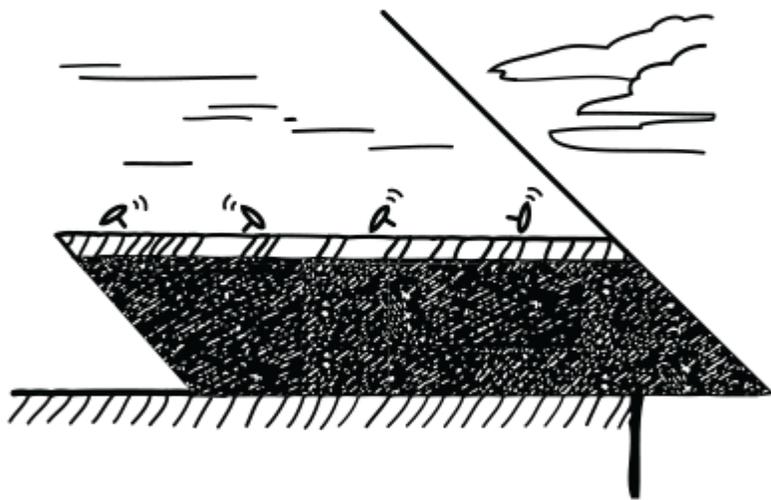
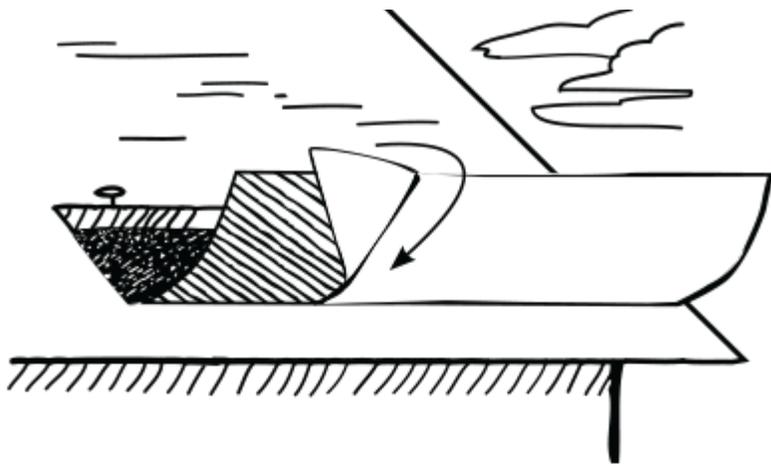


**STEP 6:** Lift the lower half and remove the lower release film, exposing the adhesive surface.

**STEP 7:** Carefully reposition the membrane down onto the deck and press firmly in place. Avoid wrinkles. Remove temporary fasteners.

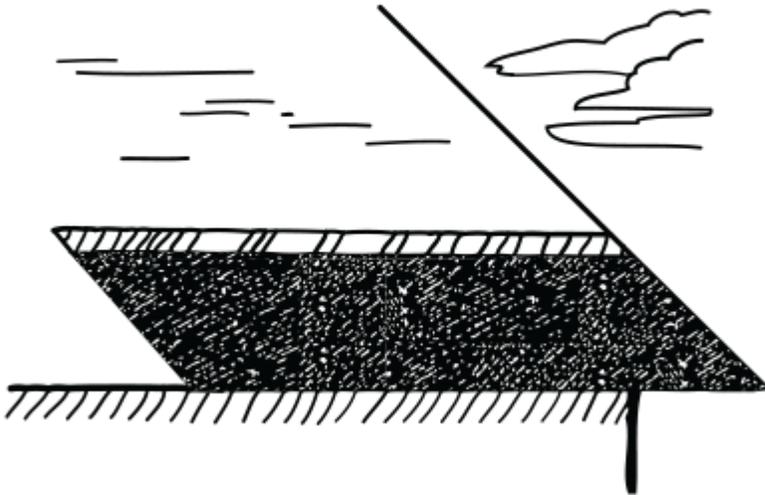
**STEP 8:** Fold top half down and remove release film.

## STEPS 6-8



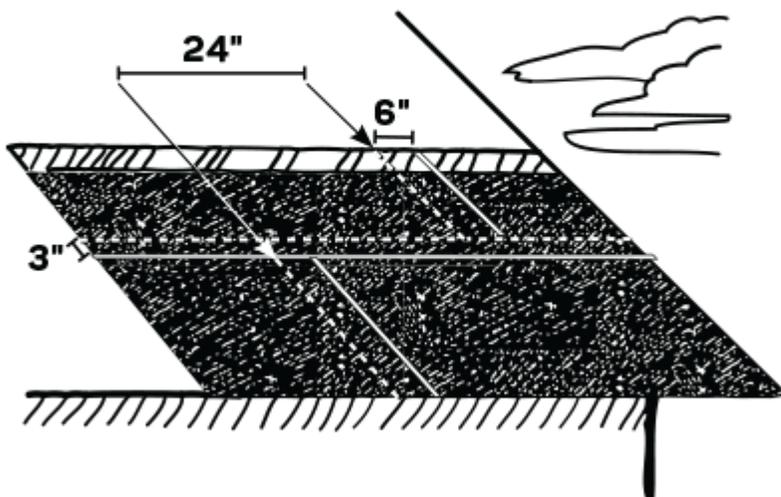
**STEP 9:** Carefully reposition the membrane up onto the deck and press firmly in place. Avoid wrinkles. If more than one course is to be used, the top course should overlap the selvedge tape on the lower course.

### STEP 9



**STEP 10:** End laps must be at least 6" (15 cm) and rolled to ensure adhesion and should be located at least 24" (61 cm) from those in the previous course. If using on a low slope roof (2:12 – 4:12 pitch), cover entire area with IKO's Ice & Water Protector, lapped as outlined above, and then apply shingles matching exposure to the shingles on field of the roof.

### STEP 10



**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 film 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 edges must be located under the membrane at the eaves, and over the membrane at rake edges.

