ArmourGard™ and StormShield™

ICE AND WATER PROTECTOR

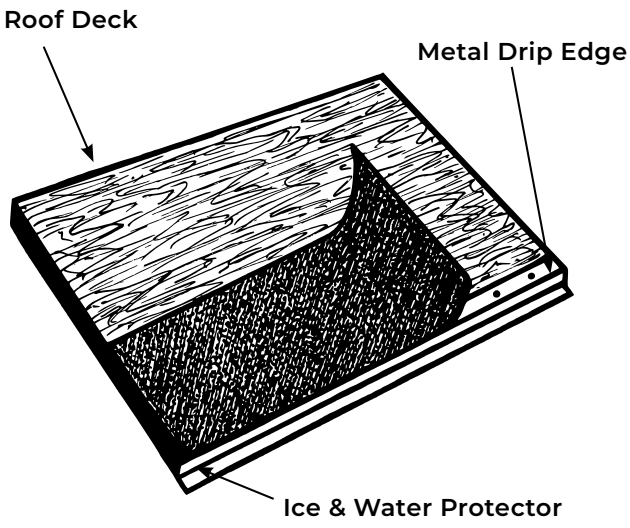
Application Instructions

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.

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STEPS 1-3



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 9.5mm min. thick plywood, or 11mm 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:

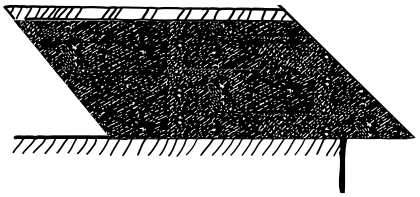
APPLY DRIP EDGE ALONG EAVES: Apply metal drip edges directly to the deck along the eaves, spacing nails approximately 305mm apart.

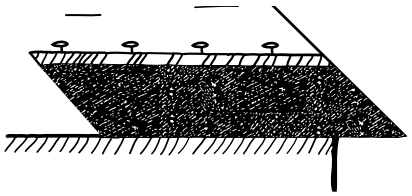
STEP 3:

EAVE PROTECTION: Apply IKO Ice and Water Protector, as per building code requirements and these instructions, overhanging eaves by 6.35mm to 19mm and extending up the roof at least 610mm from the vertical projection of the interior surface of the outside wall.

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STEPS 4-5





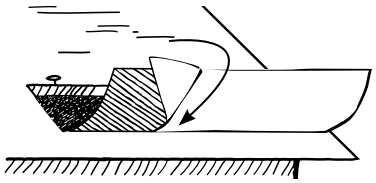
STEP 4:

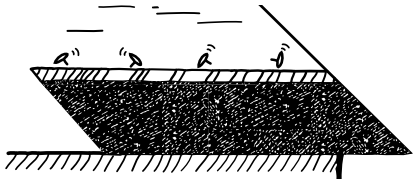
Cut the membrane into into 1m to 4.5m lengths.

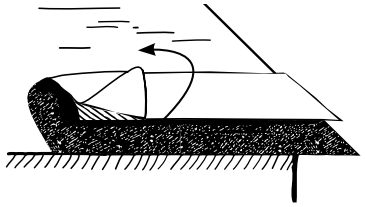
STEP 5:

Unroll and align with the lower edge of the drip edge (if used), or the lower edge of the roof overhanging eaves by 6.35mm to 19mm. 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 6-8







STEP 6:

Lift the lower half and and remove the lower release film, exposing the adhesive surface.

STEP 7:

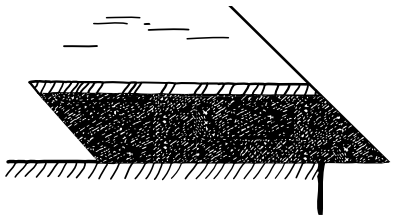
Carefully reposition the membrane down onto the deck and press firmly in place. Avoid wrinkles. Remove temporary fasteners.

STEP 8:

Fold top half down and remove release film.

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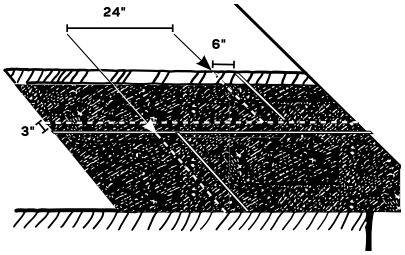
STEP 9



STEP 9:

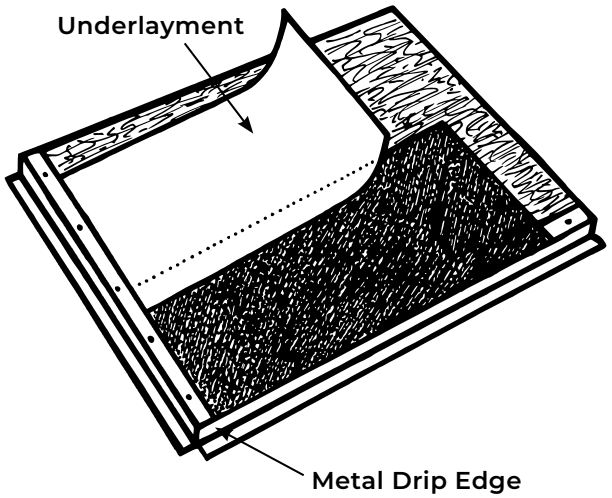
Carefully reposition the membrane up onto the deck and press firmly in place. Avoid wrinkles. If more than one course is to be used, the top course should overlap the selvedge tape on the lower course.

STEP 10



STEP 10:

End laps must be at least 15cm and rolled to ensure adhesion and should be located at least 61cm from those in the previous course. If using on a low slope roof (9 - 18.4 degree 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.



VALLEYS AND RIDGES: Cut the membrane into 1.2m to 1.8m lengths. In the valley, start at the low point and work upwards, overlapping each sheet at least 15cm. 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 61cm 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.

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