



RESIDENTIAL INFORMATION BULLETIN

JUNE 2004

No. R-11

REV. – AUGUST 2012
JULY 2013

GoldShield/ArmourGard/StormShield Ice & Water Protectors - More Than Just Eave Protection

IKO Industries' Ice & Water Protectors are most commonly used as eave protection membranes, as required in various building codes, but they can also be used where other critical roof areas must be protected. Our GoldShield product has enhanced adhesion characteristics, and is film-surfaced for improved water-shedding properties and end lap bonding. ArmourGard is our traditional, proven membrane, produced with glass fibre reinforcement for extra strength, and sand surfaced for optimum slip resistance. ArmourGard has been evaluated under CCMC evaluation Report #12413-R. IKO's ArmourGard Ice and Water Protector was the first product in Canada to achieve this independent evaluation. IKO's StormShield Standard Ice & Water Protector is an economical modified bitumen roll roofing product with a self-adhesive backing protected by a silicone-treated release sheet, which is easily removed during installation. Suggested application guidelines for other roofing uses are provided in this bulletin.

Valleys: Install membrane centred on the valley; lap ends 6 inches (150 mm) and seal. Where valleys are indicated to be "open valleys", install metal flashing over the membrane before roof deck underlayment (if required) is installed.

Vent Pipes: Install a 24 inch (610 mm) square piece of membrane lapping over roof deck underlayment.

Vertical Walls: Install membrane extending at least 6 inches (150 mm) up the wall and 12 inches (305 mm) on to the roof surface, lapping over deck underlayment (if required). Metal step flashings are to be installed over the membrane. The top of the step flashings shall either extend under the wall siding (if present) or be counterflashed on masonry walls.

Skylights & Roof Curbs: Install membrane from under the built-in skylight counterflashing and 12 inches (305 mm) on to the roof surface lapping over roof deck underlayment (if required). Step flashings are to be installed for each shingle course. Metal counterflashings are recommended to cover the top of the step flashings. Consult the skylight manufacturer for other specific flashing instructions.

Chimneys: Install eave protection membrane around entire masonry chimney at least 6 inches (150 mm) up the chimney and 12 inches (305 mm) on to the roof surface lapping over the felt underlay (if required).

In all applications, the shingles should then be correctly installed, to ensure the membrane is not left exposed to direct sunlight.

For additional information on any of IKO's products or application requirements, visit us on the web at www.iko.com, or contact us in Canada at 1-888-766-2468, or the United States at 1-888-456-7663.