STORMSHIELD®



Fiberglass-Reinforced Asphalt Shingles

IKO's StormShield Ice & Water Protector is a polymer-modified bitumen roll roofing protection membrane with a self-adhesive backing protected by a silicone-treated release sheet that is easily removed during application. StormShield consists of a resilient, non-woven glass fiber mat, which is permeated and coated with polymer-modified bitumen and a mineral surfacing. It is used for waterproofing under shingles, helping to prevent water penetration due to ice dams or wind-driven rain. It can also be used as a flashing membrane around chimneys, dormers, vent stacks, skylights and other roof-top structures or apertures.

BRANZ Appraised
Appraisal No. 1110

IKO Stormshield® Ice & Water Protector is designed to meet the requirements of shingle roofing systems. It is a component in BRANZ Appraisal 1110: IKO Asphalt Roof Shingles.

StormShield is a fiberglass reinforced polymer modified bitumen self-adhered ice and water protection membrane.

1 Features and Benefits

- Self-Adhesive For Watertight Sealing
- Self-Sealing Around Roofing Nails
- Glass Fiber-Reinforced For Extra Strength

2 General Information

Area/Roll	18.1 m^2

3 Product Dimensions

Length	19.8 m
Width	914 mm
Thickness	1.08 mm
Selvage Film Width	76 mm

Product dimensions shown are subject to normal manufacturing tolerances of +/- 0.15 m on the sheet's length and +/- 3 mm on width.

STORMSHIELD®

4 Applicable Standards[1]

ASTM D1970 Product Standard

CSA A123.5 Product Standard (Canada)

ASTM E108 Class A Fire Test[2]

CAN/ULC S107 Class A Fire Test[2]

TAS 110, Table 10
- UV Exposure – Allowable up to 30 days in the US
- UV Exposure – Cover as soon as possible in Canada

Miami-Dade Product Approval[3]

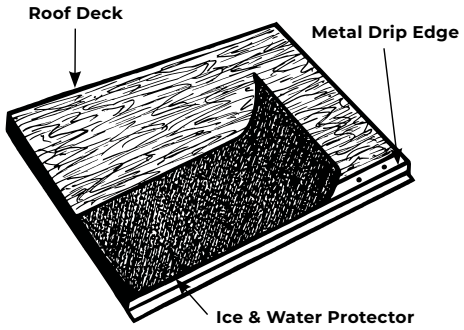
Florida Building Code High-Velocity Hurricane Zone (HVHZ) Approval[3]

NOTE: *IKO StormShield meets or exceeds the requirements in the product standards referenced at the time of manufacture.*

5 Safety Information

CAUTION: Working at heights on sloped-roof surfaces can be dangerous. Do not install until all appropriate safety precautions are followed. Always wear appropriate personal protective equipment (PPE), including appropriate fall protection equipment.

6 Ice and Water Installation



StormShield must be installed according to all of IKO's application instructions. Some select installation requirements are highlighted here.

1. The space beneath the roof deck (e.g. attic) should be thoroughly ventilated to minimum local building code requirements.
2. Align with the lower edge of the drip edge or the lower edge of the roof, overhanging eaves by 6.35mm to 19mm. The membrane must extend up the roof slope to a minimum distance inside the exterior wall. Consult local building code for the minimum distance.
3. End laps must be at least 152.4mm and rolled to ensure adhesion and should be located at least 609.6mm from those in the previous course.
4. If using on a low slope roof (9 - 18.4 degree pitch), it is recommended to cover the entire roof area.

The information on this Technical Data Sheet is based upon data considered to be true and accurate at time of issue, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate. To confirm the most current product technical information and compliances, please contact IKO directly at: **0800 100 244**

[1]Compliance with listed product standards is based on sampling and testing of products as manufactured. [2]When installed with a Class A rated asphalt shingle over 9.5 mm minimum thickness APA-labeled exterior grade plywood or OSB deck. [3]M-D and FBC HVHZ approvals apply only to shingles available in the southeast U.S. market.