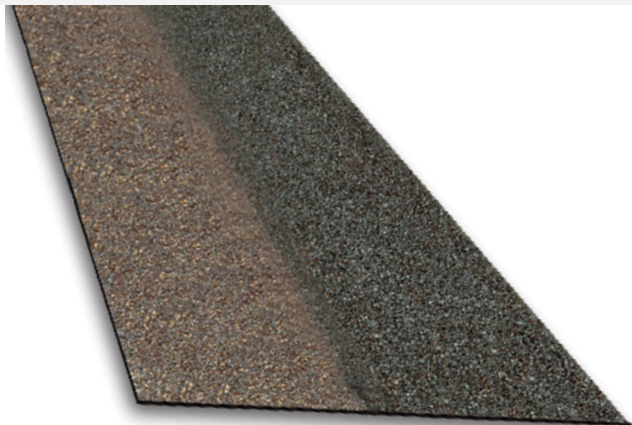


ARMOUR STARTER™



Fiberglass-Reinforced Asphalt Starter Shingles

If you have selected IKO's Armourshake shingles for your roof, you will need to use IKO Armour Starter. Used in conjunction with our standard Leading Edge Plus™ starter, Armour Starter provides two-layer shingle thickness protection between the shingle tabs of the first course of Armourshake. IKO's Armour Starter is a flat shingle strip embedded with granules that match the colors on the exposed tabs of the overlying first course of Armourshake shingles. The use of Armour Starter further enhances the dimensional appearance of an Armourshake shingle roof.

Armour Starter is a fiberglass-reinforced asphalt starter strip shingle, specifically designed to be used with IKO Armourshake™ shingles.

1 Features and Benefits

- ✓ Class 4 Impact Resistance Rated³
- ✓ Generous Linear Coverage
- ✓ Blue-Green Algae Resistant

2 General Information

Shingles/Bundle	21
Coverage/Bundle	68.91 linear ft. (21 linear m)
Bundles/Pallet	60
Pallet Size	40 x 53 1/2 in. (102 x 136 cm)
Product Stock No.	4540XXX

NOTE: XXX refers to numerical product color code. Product color availability varies by region.

3 Product Dimensions

Length	39 3/8 in. (1,000 mm)
Width	13 1/4 in. (337 mm)
Exposure	6 in. (152 mm)

Product dimensions shown are subject to normal manufacturing tolerances of +/- 1/4 in. (6 mm) on the shingle's length and +/- 1/8 in. (3 mm) width.

Click [here](#) or scan this QR code for product literature, color swatches and color availability.



ARMOUR STARTER™

4 Applicable Standards¹

ASTM D3462 Product Standard

ASTM D3018 Product Standard

ASTM D3161 Class F Wind Resistance

ASTM D7158 Class H Wind Resistance

ASTM E108 / UL 790 Class A Fire Resistance²

CAN / ULC S107 Class A Fire Resistance (Canada)²

CSA A123.5 Product Standard (Canada)

FM 4473 / UL 2218 Class 4 Impact Resistance³ [here](#)

Miami-Dade County Product Approval⁴ [here](#)

Florida Building Code High-Velocity Hurricane Zone (HVHZ) Approval⁴ [here](#)

Texas Department of Insurance Details [here](#)

NOTE: *IKO Armour Starter asphalt shingles meet or exceed the requirements in the product standards referenced at the time of manufacture.*

5 Safety Information

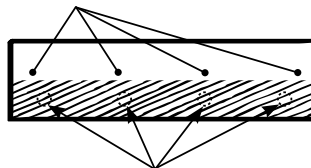
CAUTION: Working at heights on sloped-roof surfaces can be dangerous. Do not install until all appropriate safety precautions are followed. Always wear appropriate personal protective equipment (PPE), including appropriate fall protection equipment.



This product's Safety Data Sheet (SDS) is available [here](#).

6 Shingle Installation

Standard Application Requires 4 Nails



4 spots of asphalt plastic cement
(For Enhanced Wind Resistance Only)

Shingles must be installed according to all of IKO's application instructions. Some 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. Remove approximately 20 inches from the first Armour Starter strip at the eave prior to installation. This will minimize the chance that shingle joints in the Armour Starter strip do not align with shingle joints in the underlying Leading Edge Plus starter course.
3. Ensure the shingles are installed granule side up with the colored granules located at the eave edge.
4. Fasten the Armour Starter to the roof deck with four nails located just above the area of colored granules, approximately one inch in from each end, and midway between those points.



Complete product installation details can be found [here](#).

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: **United States 1-888-IKO-ROOF** (1-888-456-7663); **Canada 1-855-IKO-ROOF** (1-855-456-7663).

¹Compliance with listed product standards is based on sampling and testing of products as manufactured. ²When Armour Starter is installed over an approved underlayment with subsequent installation of Armourshake. ³The Impact Resistance rating is solely for the purpose of enabling residential property owners using these shingles in conjunction with impact resistance rated Armourshake shingles to obtain a discount on their home insurance premiums, if available in their area. This rating is not to be construed as any type of express or implied warranty or guarantee of the impact performance of this shingle by the manufacturer, supplier or installer, and damage from hail is not covered under the Limited Warranty. For further details concerning the FM 4473 standard, visit the FM Approvals website. For the UL 2218 standard, visit the UL Solutions website. ⁴M-D and FBC HVHZ approvals apply only to shingles available in the southeast U.S. market. For more information, please contact IKO at: 1-888-IKO-ROOF (1-888-456-7663).