



# Royal Estate™

IKO Royal Estate is a laminated, two-piece, asphalt shingle, manufactured on a robust fiberglass reinforcement.

## FEATURES AND BENEFITS

- ✓ HEAVYWEIGHT SHINGLE
- ✓ BLUE-GREEN ALGAE RESISTANT
- ✓ PROPRIETARY FASTLOCK SEALANT
- ✓ ULTRA-SHARP CONTRAST
- ✓ CLASS 3 IMPACT RESISTANCE<sup>1</sup>

## GENERAL INFORMATION

SHINGLES/3 BUNDLES	20-22-22
COVERAGE/AVERAGE BUNDLE	33.3 ft. <sup>2</sup> (3.1 m <sup>2</sup> )
COVERAGE/THREE BUNDLES	100 ft. <sup>2</sup> (9.29 m <sup>2</sup> )
BUNDLES/PALLET	52
PALLET SIZE	40 x 53 1/2 in. (102 x 136 cm)
PRODUCT STOCK NO.	4665XXX

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

## PRODUCT DIMENSIONS

LENGTH	40 in. (1,016 mm)
WIDTH	13 1/4 in. (337 mm)
EXPOSURE	5 5/8 in. (143 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.



## FIBERGLASS-REINFORCED ASPHALT SHINGLES

Royal Estate provides exceptional weather protection, including a Class 3 Impact Resistance rating.<sup>1</sup> Choose from high-definition designer color-blend options, inspired by the hues of natural stone. Precision, random-cut contours create a roofscape of uncommon beauty on any home. Extra-sharp lines bordering individual tabs provide contrast that gives your new roof an impressive custom look with all the benefits of an asphalt roof and an appearance that alternative materials can't equal.

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





## APPLICABLE STANDARDS<sup>2</sup>

ASTM D3462 Product Standard

ASTM D3018 Product Standard

ASTM D3161 Class F Wind Test

ASTM D7158 Class H Wind Test

ASTM E108 Class A Fire Test<sup>3</sup>

UL 790 Class A Fire Test<sup>3</sup>

CAN/ULC S107 Class A Fire Test (Canada)<sup>3</sup>

FM 4473 Class 3 Impact Resistance Test<sup>1</sup>

CSA A123.5 Product Standard (Canada)

Miami-Dade Product Approval<sup>4</sup> [pending](#)

Florida Building Code High-Velocity Hurricane Zone (HVHZ) Approval<sup>4</sup> [here](#)

Texas Department of Insurance Details [here](#)

**NOTE:** IKO Royal Estate asphalt shingles meet or exceed the requirements in the product standards referenced at the time of manufacture, including minimum total product weight, minimum tear-strength resistance, maximum granule loss and minimum asphalt mass.

## SAFETY INFORMATION

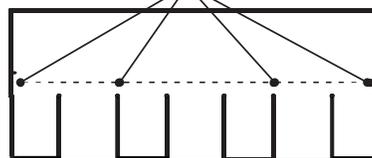
**CAUTION:** Working at heights on sloped-roof surfaces can be dangerous. Do not install until all appropriate safety precautions are followed. Always wear appropriate personal protective equipment (PPE) including appropriate fall protection equipment.

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

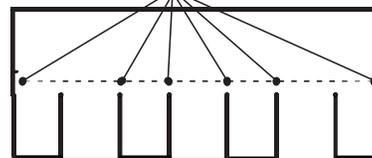


## SHINGLE INSTALLATION

4 Nails for Standard Application



6 Nails for Steep-Slope/High-Wind Applications



Shingles 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. Shingles should be installed with 5 5/8-inch shingle exposure to the weather.
3. Follow the correct offset dimensions in the shingle installation instructions.
4. It is critical that nails are located in the nail line so that the nails penetrate both shingle layers.
5. Open metal valleys are recommended for best roof system performance.
6. Never apply asphalt shingles to roof slopes less than 2:12. For slopes 2:12 to less than 4:12 (low slope), see special underlayment requirements outlined in the IKO application instructions.

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).

<sup>1</sup>The Impact Resistance rating is solely for the purpose of enabling residential property owners to obtain a reduction in their residential insurance premium, if available. It 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 standards, visit the FM Approvals website. <sup>2</sup>Compliance with listed product standards is based on sampling and testing of products as manufactured. <sup>3</sup>When shingles are installed over an approved underlayment. <sup>4</sup>M-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).