

Presidential Shake Shingles

Technical Information

Presidential Shake is the original luxury shingle created to replicate the look of cedar shakes with the performance of fiber glass construction. Presidential Shake shingles deliver the charm and character of hand-split wood shakes with the durability and strength that presides over wood in virtually every surrounding.

Limitations

Use on roofs with slopes greater than 9°. Low-slope applications (9 – 18°) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply Viking Peel & Stick Waterproofing Underlayment according to application instructions provided with the product and on the shingle package.

On slopes greater than 60°, apply 25mm diameter spots of Viking Roofspec roofing cement under each shingle tab, according to application instructions provided on the shingle package.

Product Composition

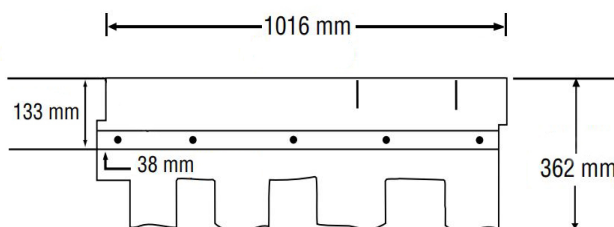
Presidential Shake shingles are composed of fibreglass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water resistant asphalt.

Applicable Standards

- ASTM D 3018, Type I
- ASTM D 3462
- ASTM E 108 Class A Fire Resistance
- ASTM D 3161 Class F Wind Resistance
- ASTM D 7158 Class H Wind Resistance
- UL 790 Class A Fire Resistance
- ICC-ES Evaluation Report ESR-1389
- ICC-ES Evaluation Report ESR-3537
- CSA Standard A123.5
- Miami-Dade Product Control Approved

Technical Data

Weight/Square (approx)	17kg/m ²
Dimensions (overall)	362mm x 1016mm
Weather Exposure	100mm



Installation

Installation instructions including diagrams, are supplied on each bundle of Presidential Shake shingles, or separate installation guides can be obtained by contacting Viking Roofspec. Below information is not explicit and Presidential Shake installation manual must be referred to, before installing the product.

Roof Deck Requirements

Apply shingles to minimum 15mm thick plywood, or 16.3mm H3.1 treated Superstrand Sarking. Please see individual suppliers technical information for up to date specification.

Ventilation

To best ensure adequate ventilation, use a combination of continuous ridge ventilation (ShingleVent II), incorporating an external baffle, and balanced drip edge ventilation.

Valleys

Open valley application method is recommended using Viking Peel & Stick Waterproofing Shingle Underlayment to line the valley prior to being covered.

Underlayment

At standard slopes (18° or greater) a single layer of Viking DiamondDeck shingle underlayment (product meeting ASTM D 4869 or ASTM D 6757) is recommended. Corrosion-resistant drip edge is recommended and should be placed over the underlayment at the rake and beneath the underlayment at the eaves.

On low slopes (9-18°) apply Viking Peel & Stick Waterproofing Shingle Underlayment or two layers of 900mm wide felt shingle underlayment lapped 450mm, over entire deck according to the application instructions provided with the product. When Peel & Stick is applied to the rake area, the drip edge may be installed under or over membrane. At the eave, the Peel & Stick is to be installed over the flashing.

Fastening

Five or nine nails are required per tile, please refer to installation manual. Nails must be of sufficient length to penetrate into the deck 20mm or through the thickness of the decking, whichever is less. Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 9mm heads. Staples are not allowed for the Presidential Shake.

Application (Metric-Sized Shingles)

The 5" and 15" offset pattern is established over the 4 courses as follows:

1st course shingle = 40" L (full shingle)

2nd course shingle = 35" L (1st course – 5")

3rd course shingle = 20" L (2nd course – 15")

4th course shingle = 15" L (3rd course – 5")

Flashing

Use corrosion-resistant metal flashing.

Hips and Ridges

Use Presidential Shake accessory caps for Ridges and Hips

Maintenance

Presidential Shake require virtually no maintenance when installed according to manufacturer's application instructions. However, to protect the investment, any roof should be routinely inspected at least once a year. Older roofs should be looked at more frequently.

NOTE – Refer to application instructions supplied with the shingles for further information and procedures.