

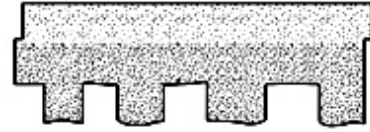
Technical Data Sheet

Presidential Shake™ IR (Impact Resistant)



PRODUCT INFORMATION

Presidential Shake IR is made of two laminated layers of the industry's most durable materials. And, with an added fiber glass backing, it has an extra level of impact resistance—so much so that it can withstand the force of a two-inch steel ball dropped from twenty feet without cracking. The shades, textures, sculpted edges and staggered design all combine to give a roof the charm and beauty of authentic wood shakes at a fraction of the cost.



Presidential Shake IR shingles are algae resistant and thus protect against staining or discoloration caused by algae.

Colors: Please refer to the product brochure or CertainTeed website for the colors available in your region.

Limitations: It is recommended to apply these shingles at slopes of 4" per foot slope and greater in order to achieve optimum appearance. Low slope applications (2" up to 4" per foot) of Presidential Shake IR shingles require CertainTeed's WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent meeting ASTM D1970, be applied to the entire deck surface, according to application instructions provided with the product and on the shingle package. In areas where icing along the eaves can cause the back-up of water (all slopes), apply WinterGuard™, or its equivalent, according to application instructions provided with the product and on the shingle package. For Class 4 impact resistance, Presidential Shake IR (Impact Resistant) shingles must be applied according to the instructions indicated below, in a new roof or tear-off application, and *not* by "roofing-over" existing shingles.

On slopes greater than 21" per foot, use nine nails and apply 1" diameter spots of asphalt roofing cement (ASTM D4586) under each shingle tab, according to application instructions provided with the product and the shingle package.

Product Composition: Presidential Shake IR shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. The laminated pieces are firmly adhered in a special tough asphaltic cement. The back surface contains a puncture resistant fiber glass scrim. These fiber glass based shingles have self-sealing adhesive applied.

Applicable Standards:

ASTM D 3018, Type 1

ASTM D 3462

ASTM E 108 Class A Fire Resistance

ASTM D 3161-08b, Class "F" Wind Resistance (110-mph)

ASTM D 3161-03b, Class "F" Wind Resistance (110-mph)

ASTM D 3161-99a, 110-mph Wind Resistance

ASTM D 7158 Class "H" Wind Resistance

UL 2390/ASTM D6381 Class "H" Wind Resistance

UL 790 Class A Fire Resistance

UL 997 Wind Resistance

UL 2218 Class 4 Impact Resistance

NYC-MEA-120-79-M

ICC-ES Evaluation Report ESR-1389

CSA Standard A123.5-98 (& -05)

Miami-Dade Product Control Approved

Florida Product Approvals # FL5444

Technical Data:

Weight/Square (approx.):

Dimensions (overall):

Shingles/Square:

Weather Exposure:

Presidential Shake IR

355 lbs.

14 1/4" x 40"

90

4"

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INSTALLATION

Detailed installation instructions including diagrams are supplied on each bundle of Presidential Shake IR shingles, or separate application sheets may be obtained from CertainTeed. The following is a general summary of the installation methods. NOTE - Refer to application instructions supplied with the shingles for further information and application procedure.

IMPORTANT NOTE - Presidential Starter IR must be used for the two-layered starter course.

Roof Deck Requirements: Apply shingles to minimum 3/8" thick plywood, minimum 7/16" thick non-veneer, or minimum 1" thick (nominal) wood decks. The plywood or non-veneer decks must comply with the specifications of APA – The Engineered Wood Association.

Ventilation: Provisions for ventilation should meet or exceed current HUD standards. To best ensure adequate ventilation, use a combination of continuous ridge ventilation (using Ridge FilterVent or Ridge Filter ShingleVent II, manufactured by Air Vent Inc, or a comparable product with an external baffle) and balanced soffit venting.

Valleys: Open valley is recommended. Valley liner must be applied before shingles. It must be minimum 18" wide 16 oz. copper, or its equivalent, installed over 36" wide self-adhering CertainTeed WinterGuard Waterproofing Shingle Underlayment (apply directly to deck), or applied over 36" wide mineral surfaced roll roofing. After WinterGuard has been applied, install the 16-oz. copper centered in the valley. For application of copper valley, use copper cleats or large head copper nails. Closed-Cut valley application is an acceptable alternate, provided the shingles are not damaged while being formed into place. Refer to the application instructions on the shingle packaging for further information.

Underlayment: At standard slopes (4" per foot or greater) a single layer of Roofers' Select™ High-Performance shingle underlayment (or product meeting ASTM D4869 or ASTM D6757) is recommended. For UL fire rating, underlayment may be required. Corrosion-resistant drip edge is recommended and should be placed over the underlayment at the rake and beneath the underlayment at the eaves.

Low Slope Underlayment: Low slope applications (2" up to 4" per foot) of Presidential Shake IR shingles require WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent meeting ASTM D1970, be applied to the entire deck surface, according to application instructions provided with the product and on the shingle package. When WinterGuard is applied to the rake area, the drip edge may be installed under or over WinterGuard. At the eave, when WinterGuard does not overlap the gutter or fascia, the drip edge should be installed under WinterGuard. When WinterGuard overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

Standard Fastening: For slopes of 21" per foot or less, five fasteners are required per shingle. Fasteners are to be located on the nailing guide line, 9" above the lowermost edge of the shingle, two located 1 to 1-1/2" in from each edge and the remaining three evenly spaced between (about 9" to 10" apart). Fasteners must be of sufficient length to penetrate into the deck 3/4" into or through the thickness of the decking, whichever is less. Nails are to be 11- or 12-gauge, corrosion-resistant roofing nails with 3/8" heads.

Steep Slope Fastening: For roof slopes greater than 21" per foot, nine fasteners are required per shingle. After applying 5 nails in nailing guideline, apply 4 nails 1" above tab cutouts, making certain tabs of overlying shingle covers nails. Also at slopes greater than 21" per foot, apply 1" diameter spots of asphalt roofing cement (ASTM D4586,) under each shingle tab, according to application instructions provided for the product and on the shingle package.

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Standard Application: Presidential Starter IR must be used for the two-layered starter course. The required application method is the 5" & 15" Offset, Four-Course, Diagonal Method found on each bundle of shingles. These shingles may be used for new construction or for reroofing after tear-off. For Class 4 impact resistance, Presidential Shake IR (Impact Resistant) shingles must be applied according to the instructions indicated above, in a new roof or tear-off application, and *not* by "roofing-over" existing shingles. All shingles on the finished roof must be applied with five fasteners. Always cut shingles from the left edge.

Flashing: Use corrosion-resistant metal flashing. Please refer to illustration on our shingle packaging.

Hips and Ridges: Use only Presidential Accessory IR version shingles of the matching color for capping the hips and ridges.

MAINTENANCE

Presidential Shake IR shingles 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.

WARRANTY

Presidential Shake IR carries a lifetime limited transferable warranty against manufacturing defects for the original homeowner. In addition, the shingles also carry SureStart™ 10 Protection. For specific warranty details and limitations, refer to the warranty itself (available from the local supplier, roofing contractor or on-line at www.certainteed.com).

FOR MORE INFORMATION

Sales Support Group: 800-233-8990

Web site: www.certainteed.com

See us in Sweets and ARCAT printed and electronic publications

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