

# Technical Data Sheet

## Presidential Shake® Starter IR Shingle



### PRODUCT DESCRIPTION

Presidential Shake Starter IR (Impact Resistant) shingles reflect the same high manufacturing standards as the rest of CertainTeed's line of roofing products, and they meet UL 2218 Class 4 Impact Resistance at time of manufacture. It has an added durable reinforcement on its underside to achieve the highest (Class 4) impact resistance. Two layers need to be applied as shown on the wrap. Availability depends on sales region.

**Limitations:** Use as a double-layer starter course for CertainTeed's Presidential Shake® IR shingles ONLY. Apply in accordance with local building code requirements and following good roofing practice. Low slope (2" - 4" per foot) application requires additional underlayment. In areas where icing along eaves can cause a backup of water, apply CertainTeed WinterGuard® Waterproofing Shingle Underlayment, or its equivalent, to the deck according to application instructions provided with the product and on shingle package.

**Composition and Materials:** Presidential Starter IR shingles are composed of a fiber glass mat base with a durable reinforcement on its underside to achieve the highest (Class 4) impact resistance. Ceramic coated mineral granules are tightly embedded in specially refined, water-resistant asphalt.

### Applicable Standards:

ASTM D3462	ICC-ES ESR-1389 and ESR-3537
ASTM D3018 Type I	ASTM E108 Class A Fire Resistance
UL 790 Class A Fire Resistance	CSA Standard A123.5
	UL 2218 Impact Resistance Class 4

### TECHNICAL DATA

Weight/Bundle (approx.):	78 lb.
Dimensions (overall):	13-1/4" x 40"
Coverage/bundle:	36.67 lin. Ft based on 2-layer application

### INSTALLATION

The following is a general summary of the installation methods. Detailed installation instructions are supplied on each bundle of starter shingles and on the field shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

**Roof Deck Requirements:** Apply shingles to minimum 3/8" thick plywood, minimum 7/16" thick non-veneer (e.g. OSB), 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 ensure adequate ventilation, use a combination of continuous ridge ventilation (using CertainTeed RidgeVent or a comparable product with an external baffle) and balanced soffit to ridge ventilation.

**Eaves:** Fasten as described on the actual wrap.

**Rakes:** After applying the starter shingles at the eaves, but prior to installing the field shingles, starter shingles may be applied up the slope at the rake edge. Fasten as described on the actual wrap.

**Valleys:** Valley liner must be applied before shingles. It is recommended that CertainTeed WinterGuard Waterproofing Shingle Underlayment, or its equivalent, be used to line the valley prior to shingle application. Open metal valleys are recommended; however Closed-Cut valleys are also acceptable.

**Underlayment:** At standard slopes (4" per foot or greater) a single layer of Roofers' Select® High-Performance shingle underlayment (or product meeting ASTM D 4869 or ASTM D 6757) 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. On low slopes (2" to 4" per foot), apply CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent or two layers of 36" wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D 4869 or ASTM D 6757) lapped 19", over entire deck according to the application instructions provided with the product. 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.

**Fastening:** Four nails are required per full starter shingle. Reference the actual wrap for details. Nails must be of sufficient length to penetrate into the deck 3/4" 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.

**Application:** These shingles MUST be applied by using two (2) overlapped layers of CertainTeed's Presidential Starter shingles, applied as shown on its wrapper. Begin application of the bottom/lower layer of starter shingles by cutting and applying a 13-3/4" x 20" piece at the lower left rake/eaves corner overhanging rakes and eaves 1/4" to 3/4". Continue along the eaves with full size 13-1/4" x 40" starter shingles. Each top/upper Starter Course shingle must have its 2" top section removed at the perforations, resulting in 11-1/4" x 40" shingles. The colored granule portion of the "top" starter shingles must be located nearest the lowermost eave edge, as the exposed colored granules must match the exposed Presidential or Presidential TL colors. Install the first top/upper Starter shingle so that it is flush to the left side and bottom edges of the first bottom/lower starter shingle. This first top/upper Starter shingle should be 11-1/4" x 38". Continue along the eaves with 11-1/4" x 40" "top" starter shingles ensuring that the lower edges are flush with the lower edges of the "bottom" layer. Reference the product's wrapper for more specific details, including proper fastening locations. These shingles must be applied in a new roof or tear-off application, and *not* by "roofing-over" existing shingles.

#### **AVAILABILITY AND COST**

Availability: For the names of local distributors and dealers, please write Architectural Support, 20 Moores Road, Malvern, PA 19355; or call (800) 233-8990.

Cost: Contact a local distributor or dealer for current price information.

#### **MAINTENANCE**

These shingles do not require 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 Starter IR shingles have a limited warranty against manufacturing defects concurrent with the warranty of the field shingle with which it is installed. See CertainTeed's Asphalt Shingle Products Limited Warranty for specific details.

**TECHNICAL SERVICE**

Complete technical support and assistance is available through CertainTeed's Technical Service Department at 800-345-1145, Territory Managers, and the fully staffed and equipped Research and Development facility in Malvern, PA.

**FOR MORE INFORMATION**

Sales Support Group: 800-233-8990

Web site: [www.certainteed.com](http://www.certainteed.com)

**CertainTeed Roofing**

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