

# Technical Data Sheet

## High-Performance Starter Shingles



### PRODUCT INFORMATION

CertainTeed's High-Performance Starter Shingles combine exceptional durability with flexibility for better resistance to blow-off. These starter shingles are designed for use with Grand Manor, Centennial Slate, Highland Slate and Hatteras (18" x 36") shingles.

**Limitations:** Use as a starter course on shingle roofs with slopes greater than 2" per foot and having an exposure to the weather of  $\leq 8"$ . If used with Carriage House, the starter course color and sealant will show through the scalloped edge on the first course and the appearance may be objectionable to the homeowner. Apply High-Performance Starter in accordance with local building code requirements and following good roofing practice. Low slope applications (2" to 4" per foot) require additional underlayment. In areas where icing along the 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 the shingle package.

**Product Composition:** These shingles are composed of a fiber glass mat base and ceramic-coated mineral granules tightly embedded in carefully refined, water-resistant asphalt. These shingles are pre-cut to size and have two parallel factory-applied self-sealing adhesive stripes for exceptional wind blow-off resistance.

### Applicable Standards:

ASTM D 3018, Type I	UL 997 Wind Resistance
ASTM D 3462	NYC-MEA-120-79-M
ASTM E 108 Fire Resistance: Class A	ICC-ES ESR-1389
ASTM D 3161-03b (&-08b) Class F Wind Resistance	CSA Standard A123.5-98 (& -05)
UL 790 Fire Resistance: Class A	

### Technical Data:

Weight/Bundle (approx.):	91 lb
Dimensions (overall):	10" x 36"
Shingles/bundle:	34
Lineal Feet/bundle:	102

### INSTALLATION

The following is a general summary of installation instructions. For detailed installation instructions including diagrams see main roof shingle bundle wrap.

**Eaves:** For the first starter shingle in each roof corner, use five nails as shown on product wrap in order to improve wind-resistance. All other starter shingles require four nails per shingle. 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.

Apply the 10" starter shingle with its factory-applied sealant stripes at the shingle's lower-most edge and nail firmly into the roof deck as near as possible \*(maximum 3") to the eaves edge while avoiding the sealant. With the starter shingle well fastened to the deck and the sealant low on the starter shingle, it can firmly adhere to the first course shingles, minimizing the shingle's tendency to lift up in wind and maximizing wind blow-off resistance at this critical location.

\* If nailing within 3" is not possible, nail as closely as you can, and then lift and adhere the starter shingle to the underlayment and to the supporting structure, with a good asphalt roofing cement (such as Karnak "AR Elastocaulk", Karnak "No. 81", Karnak "No. 19 Ultra", Henry "#09 ElastoMastic" Monsey Products "MBA Gold and MB Professional Line, or CertainTeed FlintBond™ Asphalt Roofing Cement-Caulk Grade.)

**Rakes:** Prior to installation of the field shingles, starter shingles may be applied up the slope along the rake edge with sealant edge placed closest to the rake edge to improve product wind performance. Fasten as indicated on product wrap.

#### **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 observed more frequently.

#### **WARRANTY**

Starter shingles carry a limited transferable warranty to the consumer against manufacturing defects. 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](http://www.certainteed.com) ).

#### **TECHNICAL SERVICE**

Complete technical support and assistance is available through CertainTeed's Technical Service Department @ 1-800-345-1145, Territory Managers, and the fully staffed and equipped Research and Development facility in Blue Bell, PA.

#### **FOR MORE INFORMATION**

Sales Support Group: 800-233-8990

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

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