

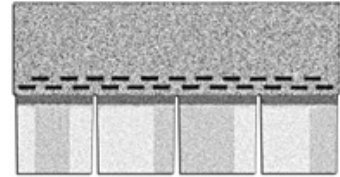
Technical Data Sheet

Hatteras™ Shingles



PRODUCT INFORMATION

This shingle is a classic slate beauty at an affordable price. Featuring an oversized shingle, extra-heavy mat, and a technologically advanced sealant, Hatteras is perfect for both residential and commercial applications and is warranted to withstand winds up to 110-mph with normal installation and 130-mph with special installation.



Hatteras shingles are algae resistant and help protect against staining or discoloration caused by algae.

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

Limitations: Use on roofs with slopes greater than 2" per foot. Low slope applications (2" to 4" per foot) require additional underlayment. In areas where icing along the eaves can cause the back-up of water, apply CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package. On slopes greater than 21" per foot, apply a spot of roofing cement under each shingle tab corner (eight total), according to application instructions provided on the shingle package.

Product Composition: Hatteras shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. These fiber glass based shingles have two stripes of self-sealing adhesive.

Applicable Standards:

ASTM D3018, Type I
ASTM D3462
ASTM E108 Class A Fire Resistance
ASTM D3161 Class F Wind Resistance
ASTM D7158 Class H Wind Resistance
UL 2390/ASTM D6381 Class H Wind Resistance
UL 790 Class A Fire Resistance

UL 997 Wind 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 Approval # FL5444
TDI Windstorm Resistance

TECHNICAL DATA

Weights and Sizes:
Weight/Square (approx.): 235 lb
Dimensions (overall): 18" x 36"
Shingles/Square: 50
Weather Exposure: 8"

INSTALLATION

The following is a general summary of the installation methods. Detailed installation instructions are supplied on each bundle of Hatteras 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 best insure 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) combined with balanced soffit venting.

Valleys: Valley liner must be applied before shingles. The "Closed-Cut" valley application method is recommended, using CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, to line the valley prior to being fully covered by the shingles.

Underlayment:

On slopes 4" per foot or greater, CertainTeed recommends one layer of DiamondDeck™ Synthetic Underlayment, or Roofers' Select™ High-Performance shingle underlayment, or shingle underlayment meeting ASTM D226, D4869 or ASTM D6757. Always ensure sufficient deck ventilation, and take particular care when DiamondDeck or other synthetic underlayment is installed. 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. Follow manufacturer's application instructions.

On low slopes (2" up to 4" per foot), one layer of CertainTeed's WinterGuard Waterproofing Shingle Underlayment (or equivalent meeting ASTM D1970) or two layers of 36" wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D226, D4869 or ASTM D6757) lapped 19" must be applied over the entire roof, ensure sufficient deck ventilation. When DiamondDeck or other synthetic underlayment is installed, weather-lap at least 20" and ensure sufficient deck ventilation. 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. Follow manufacturer's application instructions.

Fastening: Five nails are required per shingle. They are to be located 9 3/8" above the bottom edge of the shingle, 1" in from each side of the shingle and above the cutouts. 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 at the eaves. If Miami-Dade acceptance is desired, six nails must be used, located as shown on shingle wrap. Staples are not allowed.

On steep slopes greater than 21" per foot, use five nails and apply four spots of roofing cement according to application instructions provided on the shingle package.

Application: The recommended application method is the 4-1/2" Stepped-Off, Single Column Vertical Racking Method found on each bundle of shingles. These shingles may be used for new construction or in tear-off applications. Separate instructions are available for "Roof-Over" details. The weather exposure of these shingles is 8". An alternate application method is the 'Six-Course, 4 1/2" Stepped-Off, Diagonal Method'. Contact CertainTeed for a copy of this application method.

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

Hips and Ridges: Use Cedar Crest™ accessory shingles of a matching color for capping hips and ridges. As an alternative, the product itself can be used for capping the hips and ridges.

MAINTENANCE

Hatteras 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

Hatteras carries a lifetime limited transferable warranty against manufacturing defects to the consumer. In addition, Hatteras also carries 10-year SureStart™ 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 at our on-line specification writing tool, CertaSpec, at www.certainteed.com/certaspec.

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