

AMERICAN SHINGLES

a g r e a t d e s i g n a l t e r n a t i v e

AMERICAN SHINGLES PTY LIMITED

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TECHNICAL DATA SHEET



1. PRODUCT NAME:

Hatteras Roofing Shingles

2. MANUFACTURER:

CertainTeed Corporation
Roofing Products Group
750 E. Swedesford Road
P.O. Box 860
Valley Forge, PA 19482
www.certainteed.com

DISTRIBUTOR (Australia/Oceania/SE Asia):

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3. PRODUCT DESCRIPTION:

Basic Use: Hatteras™ roofing shingles are designed to be used on sloped roofs only. It is a four-tab (flared cut-outs) single layer fibreglass shingle with an overall size of 457mm x 915mm (18" x 36"). This product carries dual self-sealing stripes of "Certa-Seal™ Plus™" advanced sealant and extra-heavy mat. It is designed to resist blow off in high wind conditions up to 175km/h (110 mp/h).

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

Hatteras shingles are available in the following colours: Cottage Red, Hunter Green, Moire Black, Colonial Slate, Tudor Brown & Weathered Wood.

Hatteras Accessory roofing shingles of the matching colour are to be used for capping the hips and ridges.

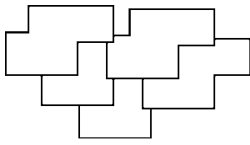
Limitations: Use on roofs with slopes greater than 9.5° (2" per foot). Low slope applications from 9.5° to 18.5° (2" to 4" per foot) require additional underlayment. In areas where icing along the eaves can cause the back up of water, apply CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

On slopes greater than 60° (21" per foot), apply eight 25mm (1") diameter spots of asphalt roofing cement (ASTM D 4586, Type II) under the shingle tab corner, according to application instructions provided on the shingle package.

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



Importers of quality roofing shingles, shakes and rainwater products



4. TECHNICAL DATA:

Weight/square metre (approx.):	11.47kg/m ²	235 lbs/sq.
Dimensions (overall):	457mm x 915mm nominal	18" x 36"
Shingles/square metre:	5.38/m ²	50/square
Weather exposure:	203mm	8"

Applicable Standards:

ASTM D 3018, Type 1	UL 997 Wind Resistance: 110 mph
ASTM D 3462	NYC-MEA-120-79-M
ASTM E 108 Fire Resistance: Class A	BOCA & SBCCI Building Code
ASTM D 3161 Wind Resistance: 110 mph	CSA Standard A123.5-98
UL 790 Fire Resistance: Class A	Miami-Dade Product Control Acceptance

5. INSTALLATION:

Detailed installation instructions including diagrams are supplied on each bundle of Hatteras shingles or separate application sheets may be obtained from CertainTeed. The following is a general summary of the installation methods.

IMPORTANT - Refer to application instructions supplied with the shingles for further information and application procedure.

Roof Deck Requirements: Apply shingles to minimum 9.5mm (3/8") thick plywood, minimum 12mm nominal (7/16") thick non-veneer (e.g. OSB), or minimum 25mm (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 US HUD Standards. To best insure adequate ventilation, use a combination of continuous ridge ventilation (using a product such as Ridge FilterVent® or Ridge Filter ShingleVent® II, manufactured by Air Vent Inc., a CertainTeed subsidiary) 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: At standard slopes of 18.5° (4" per foot or greater) a single layer of Roofers' Select™ High-Performance shingle underlayment (or product meeting ASTM D 4869) 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.

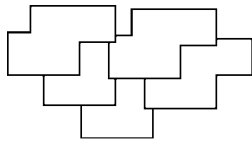
On low slopes from 9.5° to 18.5° (2" to 4" per foot), apply CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent, or two layers of 915mm (36") wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D 4869) lapped 483mm (19"), over 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 must be installed under WinterGuard. When WinterGuard overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

Fastening: Five nails are required per shingle. They are to be located 238mm (9-3/8") above the bottom edge of the shingle, 25mm (1") in from each side of the shingle and above the cutouts. Nails must be of sufficient length to penetrate into the deck 19mm (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 9.5mm diameter (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.

Application: The recommended application method is the 4½" 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 203mm (8"). An alternate application method is the 'Six-Course, 4½" Stepped-Off, Diagonal Method'.

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





Hips and Ridges: Use Hatteras Accessory roofing shingles 305mm (12" wide) of a matching colour for capping hips and ridges. As an alternative, the product itself 229mm (9" wide) can be used for capping the hips and ridges.

6. AVAILABILITY AND COST:

Contact **American Shingles** for current pricing and supply information for Australia, Oceania & SE Asia regions.

7. WARRANTY:

Hatteras carries a 40 year limited transferable warranty against manufacturing defects for the original homeowner. For specific warranty details and limitations, refer to the 2014 International Limited Warranty (available from **American Shingles** or by writing to CertainTeed Corporation).

8. 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.

9. TECHNICAL SERVICES:

Complete technical support and assistance are available through **American Shingles** via the fully staffed and equipped Research and Development facility in Blue Bell, Philadelphia.

10. FILING SYSTEMS:

Sweets® Catalogue; Sweets® Internet Website: www.sweets.com

SweetSource® Electronic Catalogue

ARCAT™; ARCAT™ Internet Website: www.arcat.com

For additional information and literature contact **American Shingles Ph: 1300 131 881 Facsimile 1300 731 881**

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