

Hatteras Shingles

Technical Information

This shingle is especially designed for Very High wind areas, offering one of the highest wind resistant warranties in the industry and classic beauty at an affordable price. Featuring an oversized shingle, extra-heavy fibreglass reinforcing, and a technologically advanced sealant, Hatteras is perfect for both residential and commercial applications and is warranted to withstand winds up to 175kph (50m/s).

Hatteras shingles are algae-resistant and thus protect against staining or discolouration from algae.

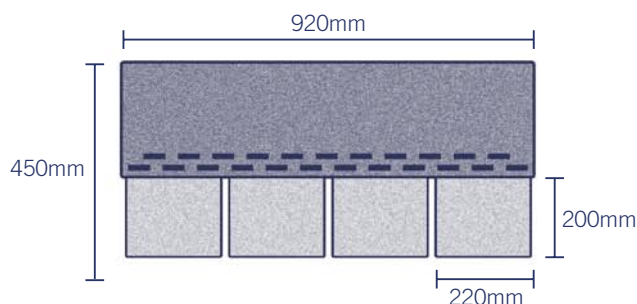
Colours:

Lighthouse Red, Newport Green, Outer Banks, Oyster Gray, Regatta Blue, Sandpiper, Stormy Night, Windswept Gray and Weathered Wood.

Limitations:

Use on roofs with slopes greater than 10°. Low-slope applications (10 – 18°) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply Skellerup Peel & Stick Waterproofing Underlayment according to application instructions provided with the product and on the shingle package.

On slopes greater than 60°, apply eight 25mm diameter spots of Skellerup roofing cement under the shingle tab corner, according to application instructions provided on the shingle package.



Product Composition:

Hatteras shingles are composed of fibre glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water resistant asphalt.

Applicable Standards

ASTM D 3018 Type 1
 ASTM D 3462
 ASTM E 108 Fire Resistance: Class A
 ASTM D 3161 Class F Wind Resistance (110mph)
 UL 790 Fire Resistance: Class A
 UL 997 Wind Resistance
 NTC-MEA-120-79-M
 BOCA & SBCCI Building Code
 ICC/ICBO Evaluation Report ER-5429 Pending
 CSA Standard A123.5-98
 Ontario BMEC Auth. 97-10-219
 BRANZ Appraisal Certificate #276

Technical Data

	Hatteras
Weight/Square (approx)	11kg/m ²
Dimensions (overall)	450mm x 920mm
Weather Exposure	200mm

Hatteras Shingles Installation

Installation instructions including diagrams, are supplied on each bundle of Hatteras series shingles, or separate application sheets located in the installation section. Following is a general summary of the installation methods. NOTE – Refer to application instructions supplied with the shingles for further information and procedures.

Roof Deck Requirements:

Apply shingles to minimum 12mm thick plywood, or minimum 25mm thick (nominal) wood decks.

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:

Valley liner must be applied before shingles. The Closed-Cut valley application method is recommended using Skellerup Peel & Stick Waterproofing Shingle Underlayment or two or three layers of underlayment to line the valley prior to being fully covered by the shingles.

Underlayment:

At standard slopes (18° or greater) a single layer of 15w High-Performance shingle underlayment (or product meeting ASTM D 4869 or ASTM D 6757) is recommended. 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 (10-18°) apply Skellerup Peel & Stick Waterproofing Shingle Underlayment or two layers of 900mm wide felt shingle underlayment lapped 450mm, over entire deck according to the application instructions provided with the product. When Peel & Stick is applied to the rake area, the drip edge may be installed under or over membrane. At the eave, when Peel & Stick does not overlap the gutter or fascia, the drip edge must be installed under membrane. When Peel & Stick overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

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Fastening:

Five nails are required per shingle. They are to be located 235mm above the bottom edge of the shingle 25mm in from each side of the shingle and above the cutouts. Nails must be of sufficient length to penetrate into the deck 20mm or through the thickness of the decking, whichever is less. Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 9mm heads. Staples are not allowed for the Hatteras series.

Application (Metric-Sized Shingles):

The recommended application method is the 112mm 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 overlaying details. The weather exposure of these shingles is 200mm. An alternative application method is the "Six Course, Stepped-Off, Diagonal Method". Contact Skellerup for a copy of this application.

Flashing:

Use corrosion-resistant metal flashing.

Hips and Ridges:

Use Hatteras Accessory roofing shingles of a matching colour for capping hips and ridges. As an alternative the product itself can be cut from full shingles 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.