

Technical Data Sheet

Classic Horizon™ Shingles

New Horizon™ Shingles



PRODUCT INFORMATION

Classic Horizon shingles feature a traditional three-tab construction (see illustration). New Horizon shingles are a "no-cut-out" design. These durable shingles offer an innovative, patented overlay design that makes them economical alternatives to laminated shingles. Available in "English" dimensions – 12" x 36".



Colors: Please refer to the 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 1" diameter size spot of asphalt roofing cement (ASTM D4586) under each shingle tab corner, according to application instructions provided on the shingle package.

Product Composition: Classic Horizon shingles and New Horizon shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in specially refined, water-resistant asphalt. All Horizon shingles are one-piece construction and have self-sealing adhesive applied.

Applicable Standards:

ASTM D 3018, Type 1

ASTM D 3462

ASTM E 108 Class A Fire Resistance

ASTM D 3161-08b, Class "F" Wind Resistance

ASTM D 3161-03b, Class "F" Wind Resistance

ASTM D 3161-99a, Wind Resistance

ASTM D 7158 Class "H" Wind Resistance

UL 2390/ASTM D6381 Class "H" Wind Resistance

UL 790 Class A Fire Resistance

UL 997 Wind Resistance

ICC-ES Evaluation Report ESR-1389

CSA Standard A123.5-98 (& -05)

Ontario BMEC Auth. 97-10-219

NYC-MEA-120-79-M

Miami-Dade Product Control Approved

Florida Product Approvals FL5444

TECHNICAL DATA

Weight/Square (approx.) Classic Horizon Shingle: 250 lbs.

Weight/Square (approx.) New Horizon Shingle: 250 lbs.

Dimensions (overall): 12" x 36"

Shingles/Square: 80

Weather Exposure: 5"

INSTALLATION

Detailed installation instructions including diagrams are supplied on each bundle of shingles, or separate application sheets may be obtained from CertainTeed. The following is a general summary of the installation methods. NOTE - Refer to application instructions supplied with the shingles for further information and application procedures.

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 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) and 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 (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 shingle. For Classic Horizon, they are to be located 5/8" above the top of each cutout and 1" in from each side of the shingle. For New Horizon, they are to be located 5 5/8" above the bottom edge, 1" and 12" in from each end. 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: The recommended application method is the 'Six-course, 6" Stepped-Off Diagonal Method' found on each bundle of shingles. Both Classic Horizon and New Horizon shingles may be also be applied using the '5" Stepped-Off Diagonal Method'. Classic Horizon only may also be applied using the '6" Stepped-Off, Single-Column Vertical-Racking Method'. Copies of the alternate methods may be obtained from CertainTeed. These shingles may be used for new construction or for reroofing over old shingles.

Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use CertainTeed's Shadow Ridge™ accessory roofing shingles of a like color for capping hips and ridges.

MAINTENANCE

Classic Horizon and New Horizon 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

Classic Horizon Shingle and New Horizon Shingle both carry a 30- year limited transferable warranty against manufacturing defects to the consumer. In addition, they also carry 5-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 in Sweets and ARCAT printed and electronic publications

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