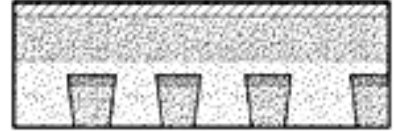


Landmark™ Special (Impact Resistant) Shingles

PRODUCT INFORMATION

Landmark™ Special (Impact Resistant) shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products, and they meet UL 2218 Class 4 Impact Resistance at time of manufacture. Landmark Special shingles are built on the industry's toughest fiber glass mat base, and have an even tougher glass scrim reinforcement to help it achieve the highest (Class 4) impact resistance. Complex granule color blends and subtle shadow lines produce a distinctive color selection. Available in "Metric" dimensions – 13 1/4" x 38 3/4". This product also features CertainTeed's new WideTrack QB™ that offers a wider nailing area and specially formulated Quadra-Bond laminating adhesive. **Please see installation instruction section below for important information regarding fastening of WideTrack QB.**



Landmark Special shingles are algae resistant, and thus protected against staining or discoloration caused by algae.

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 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. For Class 4 impact resistance, Landmark Special shingles must be applied according to the instructions indicated below, in a new roof or tear-off application, and *not* by "roofing-over" existing shingles.

Product Composition: Landmark Special shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in special tough asphaltic cement. The backer shim contains a puncture resistant fiber glass scrim. All Landmark shingles have self-sealing adhesive strips.

Applicable Standards:

ASTM D 3018 Type I
ASTM D 3462
ASTM E 108 Fire Resistance: Class A
ASTM D 3161-08b, Class F Wind Resistance (110-mph)
ASTM D 3161-03b, Class F Wind Resistance (110-mph)
ASTM D 3161-99a, 110-mph Wind Resistance
ASTM D 7158 Class "H" Wind Resistance
UL 2390/ASTM D6381 Class "H" Wind Resistance

UL 997 Wind Resistance
UL 790 Fire Resistance: Class A
UL 2218 Impact Resistance: Class 4
NYC-MEA-120-79-M
ICC-ES Evaluation Report ESR-1389
CSA Standard A123.5-98 (& -05)
Ontario BMEC Auth. 97-10-219
Miami-Dade Product Control Approved
Florida Product Approvals # FL5444

Technical Data:

Weight/Square (approx.)	260
Dimensions (overall)	13 1/4" x 38 3/4"
Shingles/Square	66
Weather Exposure	5 5/8"

Technical Data Sheet (Continued)

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INSTALLATION

Installation instructions, including diagrams, are supplied on each bundle of Landmark shingles, or separate application sheets may be obtained from CertainTeed. Following is a general summary of the installation methods. **IMPORTANT** - Refer to application instructions supplied with the shingles for further information and 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 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) 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: On low and standard slopes, four nails are required per shingle. There are three nail lines on WideTrack QB shingles. Position nails vertically between the upper and lower nailing-guide lines. For low and standard slopes, it is acceptable to nail between either the middle and lower lines or between the upper and middle lines. Nails must be of sufficient length to penetrate into the deck 3/4" or through the thickness of the decking, whichever is less. They are to be located 1" and 12" in from each side of the shingle for English-sized shingles and 1" and 13 1/8" in from each side of the shingle for Metric-sized shingles (see instructions on product wraps.) Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 3/8" heads.

Steep Slopes: On slopes greater than 21" per foot, fasten each shingle with six nails and four 1" diameter spots of asphalt roofing cement (ASTM D 4586) placed under each shingle according to application instructions provided on the shingle package. Fasteners must penetrate the two-layer common bond area, also illustrated on the shingle package.

Application: The recommended application method is the 'Five-Course, Diagonal Method (Metric)' found on each bundle of shingles. In this method, shingle course offsets are 6" and 11". Instructions also may be obtained from CertainTeed. For Class 4 impact resistance, Landmark Special shingles must be applied according to the instructions indicated above, in a new roof or tear-off application, and not by "roofing-over" existing shingles.

Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use CertainTeed XT™30 IR roofing shingles of the same color for capping hips and ridges.

Technical Data Sheet (Continued)

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MAINTENANCE

Landmark Special 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

Landmark Special shingles carry a 50 year limited, transferable warranty to the consumer against manufacturing defects. In addition, all Landmark shingles 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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