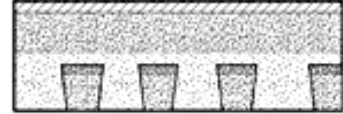


Technical Data Sheet

LANDMARK™ Premium Shingles
 LANDMARK™ Plus Shingles
 LANDMARK™ Shingles
 LANDMARK™ Woodscape® Premium Shingles (NE Region only)
 LANDMARK™ Woodscape® Shingles (NE Region only)
 LANDMARK Premium/Architect™ 80 Shingles (NW Region only)

PRODUCT INFORMATION

Landmark™ shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products. Landmark Premium (and Algae Resistant-AR), Landmark Plus (and AR) and Landmark (and AR) are built with the industry's toughest fiber glass mat base, and their strict dimensional tolerance assures consistency. Complex granule color blends and subtle shadow lines produce a distinctive color selection. Depending on the Sales Region, these shingles are available in "English" dimensions – 12" x 36" or "Metric" dimensions – 13 1/4" x 38 3/4". Landmark is produced with the unique WideTrack QB™ nailing feature. **Please see the installation instruction section below for important information regarding WideTrack QB.**



In the Northeast (NE) Region Landmark (AR) is double-branded as Landmark Woodscape (AR) and Landmark Premium (AR) is double-branded as Landmark Woodscape Premium (AR). In the Northwest (NW) Region Landmark Premium (AR) is double-branded as Landmark Premium/Architect 80 (AR).

Landmark algae-resistant (AR) shingles have the additional attribute of resisting the growth of algae especially in damp regions. AR shingles are not available in all regions.

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.

Product Composition: Landmark series 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 a special tough asphaltic cement. All Landmark shingles have self-sealing adhesive strips.

Applicable Standards

ASTM D 3018 Type I	UL 790 Fire Resistance: Class A
ASTM D 3462	UL 997 Wind Resistance
ASTM E 108 Fire Resistance: Class A	NYC-MEA-120-79-M
ASTM D 3161-08b, Class F Wind Resistance	ICC Evaluation Report ESR-1389
ASTM D 3161-03b, Class F Wind Resistance	CSA Standard A123.5-98 (& -05)
ASTM D 7158 Class H Wind Resistance	Ontario BMEC Auth. 97-10-219
UL 2390/ASTM D6381 Class H Wind Resistance	Miami-Dade Product Control Approved (Regional)
TDI Windstorm Resistance (Regional)	Florida Product Approval # FL5444 (Regional)

Technical Data:

	Landmark Woodscape AR	Landmark Woodscape Premium AR
English		
Weight/Square (approx.)	250 lb	300 lb
Dimensions (overall)	12" x 36"	12" x 36"
Shingles/Square	80	80
Weather Exposure	5"	5"

Technical Data Sheet (Continued)

Landmark Shingles

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Metric	Landmark (and AR)	Landmark Plus (and AR)	Landmark Premium* (and AR)
Weight/Square (approx.)	235-245 lb	260-280 lb	300-330 lb
Dimensions (overall)	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"
Shingles/Square (approx.)	64	66	66
Weather Exposure	5 5/8"	5 5/8"	5 5/8"

*Includes "Landmark Premium AR/Architect 80"

INSTALLATION

Installation instructions, including diagrams, are supplied on each bundle of shingles, or separate application sheets may be obtained from CertainTeed. 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 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 (WideTrack QB™): 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 (see instructions on product wraps.) Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 3/8" heads.

Steep Slopes (All versions): 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 Type II) 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 (English-Sized Shingles): The recommended application method is the 'Five-Course, Diagonal Method' found on each bundle of shingles. In this method, shingle course offsets are 7" and 14". Instructions also may be obtained from CertainTeed. These shingles may be used for new construction or for reroofing over old English-sized shingles.

Application (Metric-Sized Shingles): The recommended application method is the 'Five-Course, Diagonal Method' found on each bundle of shingles. In this method, shingle course offsets are 6" and 11". Instructions also may be obtained from CertainTeed. These shingles may be used for new construction or for reroofing over old Metric-sized shingles.

Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use CertainTeed's Shadow Ridge™ or one of CertainTeed's enhanced high profile accessory shingles (e.g., Mountain Ridge) of a like color for capping hips and ridges.

MAINTENANCE

These 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 Premium (and AR), Landmark Premium/Architect 80, Landmark Woodscape Premium (AR), Landmark Plus (and AR), Landmark Woodscape (AR), and Landmark (and AR) shingles carry a limited, transferable warranty to the consumer against manufacturing defects -- lifetime warranty for Landmark Premium (and AR), Landmark Premium/Architect 80, Landmark Woodscape Premium (AR); 40 years for Landmark Plus (and AR); and 30 years for Landmark (and AR) and Landmark Woodscape (AR). In addition, Landmark Premium (and AR), Landmark Premium/Architect 80, and Landmark Woodscape (AR) Premium carry 10-year SureStart™ Protection, Landmark Plus (and AR) carries 7-year SureStart™ Protection, and Landmark Woodscape (AR) and Landmark (and AR) 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

CertainTeed Roofing

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