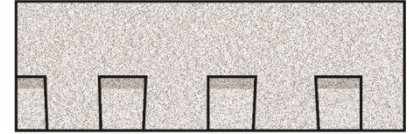


Landmark Solaris®

PRODUCT INFORMATION

Landmark Solaris® innovative technology produces a shingle that reflects solar energy in a traditional color palette. All colors are rated by Cool Roof Rating Council (CRRC) and meet California's Title 24 requirements for cool steep slope roofing. Landmark Solaris shingles are manufactured using the same high standards as all CertainTeed roofing products and are covered by the same superior warranty protection. These shingles are available in "Metric" dimensions 13 1/4" x 38 3/4". This product also features CertainTeed's NailTrak® that offers a wider nailing area.



Landmark Solaris 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 product brochure or CertainTeed website for the colors available in your region.

Color	Solar Radiative Properties							Energy Star Certified?
	CRRC Product ID#	Solar Reflectance		Thermal Emittance		Solar Reflective Index		
		Initial	Aged	Initial	Aged	Initial	Aged	
Aged Cedar **	0668-0055	0.26	0.24	0.92	0.90	28	24	Yes
Birchwood	0668-0084	0.21	0.21	0.92	0.83	21	17	No
Burnt Sienna **	0668-0153	0.20	Pending	0.92	Pending	20	20 *	No
Crystal Gray **	0668-0058	0.27	0.26	0.93	0.90	29	27	Yes
Georgetown Gray **	0668-0116	0.20	0.20	0.91	0.92	19	20	No
Graphite **	0668-0155	0.21	Pending	0.91	Pending	21	21 *	No
Heather Blend **	0668-0117	0.20	0.20	0.91	0.92	19	20	No
Mist White **	0668-0071	0.26	0.28	0.92	0.90	28	29	Yes
Moiré Black	0668-0129	0.19	0.18	0.91	0.92	18	17	No
Mojave Tan	0668-0115	0.19	0.20	0.88	0.90	17	19	No
Resawn Shake **	0668-0118	0.19	0.20	0.92	0.93	19	20	No
Silver Birch **	0668-0072	0.26	0.27	0.90	0.89	27	28	Yes
Weathered Wood **	0668-0119	0.20	0.21	0.91	0.91	19	21	No

* Aged SRI is calculated using the California Energy Commission's Solar Reflective Index (SRI) Calculation Worksheet.

** Product meets the cool roofing requirements of Green Building Standards Code of Los Angeles County for residential buildings.

Limitations: Use on roofs with slopes greater than 2" per foot. Low-slope applications (2:12 to < 4:12) require additional underlayment. In areas prone to snow and ice, apply CertainTeed WinterGuard® Waterproofing Shingle Underlayment, or its equivalent along the eaves, according to application instructions provided with the product and on the shingle package.

Product Composition: Landmark Solaris shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules with high solar reflectance are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in special tough asphaltic cement. All Landmark Solaris shingles have self-sealing adhesive strips.

Applicable Standards:

ASTM E108 Class A Fire Resistance	ASTM D7158 Class H Wind Resistance
UL 790 Class A Fire Resistance	CSA Standard A123.5
ASTM D3462	ICC-ES ESR-1389 & ESR-3537
ASTM D3018 Type I	Florida Product Approval # FL5444
ASTM D3161 Class F Wind Resistance	Can be used to comply with California Title 24, Part 6 (Steep Slope)
Miami-Dade County Product Control Approved	
Meets TDI Windstorm Requirements	

Technical Data:

Weight/Square (approx.)	216 lb
Shingles/Square (approx.)	66 *
Dimensions (overall)	13 1/4" x 38 3/4"
Weather Exposure	5 5/8"

*Based on 100 sq. ft. of exposed area.

INSTALLATION

Detailed installation instructions are supplied on each bundle of shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

Hips and Ridges: Use CertainTeed Shadow Ridge® or Mountain Ridge® shingles 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 Solaris shingles carry a Lifetime Limited Warranty and 10-year SureStart™ protection when applied to stated CertainTeed application instructions for this product. Landmark Solaris AR shingles carry a 10-year algae resistance warranty. 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
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