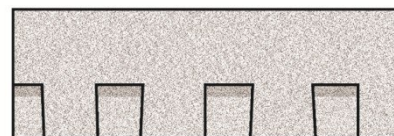


## Landmark Solaris®

### 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) are algae-resistant and help protect against dark or black discoloration, sometimes called staining or streaking, caused by blue-green algae (gloeocapsa magma). 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			
	CRRC Product ID#	Aged Solar Reflectance	Thermal Emittance	Solar Reflective Index (SRI)
Aged Cedar *	0668-0055	0.24	0.92**	25†
Birchwood*	0668-0084	0.21	0.92**	21†
Burnt Sienna *	0668-0153	0.20	0.92	20
Crystal Gray *	0668-0058	0.26	0.93**	28†
Georgetown Gray *	0668-0116	0.20	0.92	20
Graphite *	0668-0155	0.21	0.91**	21†
Heather Blend *	0668-0117	0.20	0.92	20
Mist White *	0668-0071	0.28	0.92**	30†
Moiré Black	0668-0129	0.18	0.92	17
Mojave Tan	0668-0115	0.20	0.90	19
Resawn Shake *	0668-0118	0.20	0.93	20
Silver Birch *	0668-0072	0.27	0.89	28†
Weathered Wood *	0668-0119	0.21	0.91	21†

†Aged value calculated using the California Title 24 Solar Reflective Index (SRI) Calculation Worksheet

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

\*\*Indicates Initial Thermal Emittance

**Limitations:** Use on roofs with slopes greater than 2" per foot. Low-slope applications (2:12 to < 4:12) 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 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	UL 2218 Class 3 Impact Resistance
Meets TDI Windstorm Requirements	(at time of manufacture)

**Technical Data:**

Weight/Square (approx.)	210 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 (and AR) shingles carry a lifetime limited, transferable warranty to the consumer against manufacturing defects when applied to stated CertainTeed application instructions for this product. In addition, Landmark Solaris (and AR) carry up to 10-years of SureStart™ Protection. Landmark Solaris AR shingles carry a 25-year algae resistance warranty if installed with the CertainTeed Hip & Ridge accessories mentioned above. 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](http://www.certainteed.com)).

**TECHNICAL SUPPORT**

Technical Service Department: 800-345-1145

e-mail: [RPGTS@saint-gobain.com](mailto:RPGTS@saint-gobain.com)

**FOR MORE INFORMATION**

Customer Experience Team: 800-233-8990

e-mail: [gethelp@saint-gobain.com](mailto:gethelp@saint-gobain.com)

Web site: [www.certainteed.com](http://www.certainteed.com)

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