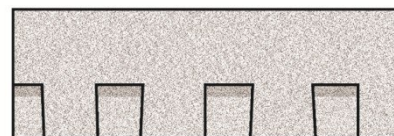


Landmark Solaris® AR

PRODUCT INFORMATION

Landmark Solaris® AR innovative technology produces a shingle that reflects solar energy in a traditional color palette. All colors are rated by Cool Roof Rating Council (CRRC). Landmark Solaris AR 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).

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	Aged Thermal Emittance	Aged Solar Reflective Index (SRI)
Aged Cedar	0668-0055	0.24	0.90	24
Crystal Gray	0668-0058	0.26	0.90	26
Graphite	0668-0155	0.21	0.91	20
Weathered Wood	0668-0119	0.21	0.91	20

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 AR 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 AR 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	UL 2218 Class 3 Impact Resistance
Miami-Dade County Product Control Approved	(at time of manufacture)
Meets TDI Windstorm Requirements	

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 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 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).

TECHNICAL SUPPORT

Technical Service Department: 800-345-1145

e-mail: RPGTS@saint-gobain.com

FOR MORE INFORMATION

Customer Experience Team: 800-233-8990

e-mail: gethelp@saint-gobain.com

Web site: www.certainteed.com

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