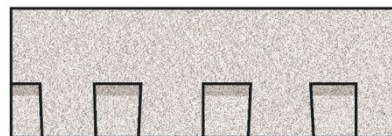


Landmark PRO Solaris®

PRODUCT INFORMATION

Landmark PRO 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) for cool roofs and meet California's Title 24 requirements for cool steep slope roofing. Landmark PRO 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". Complex granule color blends and subtle shadow lines produce a distinctive color selection. Landmark PRO Solaris is produced with the unique NailTrak® nailing feature.



Colors:

Color	Solar Radiative Properties			
	CRRC Product ID#	Aged Solar Reflectance	Thermal Emittance	Solar Reflective Index (SRI)
Max Def Burnt Sienna*	0668-0154	0.20	0.92	20
Max Def Georgetown Gray*	0668-0122	0.20	0.94**	21‡
Max Def Heather Blend*	0668-0123	0.19	0.94	20
Max Def Moire Black	0668-0130	0.18	0.92	17
Max Def Resawn Shake	0668-0124	0.18	0.93	18
Max Def Weathered Wood*	0668-0125	0.20	0.94**	21‡
Silver Birch*	0668-0072	0.27	0.89	28‡

‡ 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

Please refer to 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 (2:12 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 PRO 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 PRO Solaris shingles have self-sealing adhesive strips.

Applicable Standards:

ASTM E108 Class A Fire Resistance
 UL 790 Class A Fire Resistance
 ASTM D3462
 ASTM D3018 Type I
 ASTM D3161 Class F Wind Resistance
 ASTM D7158 Class H Wind Resistance
 Meets TDI Windstorm Requirements
 ICC-ES ESR-1389 & ESR-3537
 Florida Approval FL5444
 Miami-Dade County Approved
 UL 2218 Class 3 Impact Resistance
 (at time of manufacture)
 Can be used to comply with California Title 24,
 Part 6 Compliant (Steep Slope)

Technical Data:

Weight/Square (approx.)	240 lb.	Shingles/Square	66
Dimensions (overall)	13 1/4" x 38 3/4"	Weather Exposure	5 5/8"

INSTALLATION

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

Hips and Ridges: Use CertainTeed 10" Mountain Ridge® AR 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 PRO Solaris 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 PRO Solaris carry up to 10-years of 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).

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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