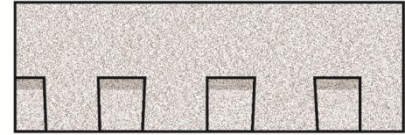


Landmark Pro Solaris®

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". This product also features CertainTeed's NailTrak® that offers a wider nailing area.



Colors:

| Color | CRRC Product ID# | Solar Reflectance | | Thermal Emittance | | Solar Reflective Index | | Energy Star Certified? |
|----------------------------|------------------|-------------------|---------|-------------------|---------|------------------------|------|------------------------|
| | | Initial | Aged | Initial | Aged | Initial | Aged | |
| Max Def Burnt Sienna ** | 0668-0154 | 0.21 | Pending | 0.92 | Pending | 21 | 21 * | No |
| Max Def Georgetown Gray ** | 0668-0122 | 0.20 | 0.20 | 0.94 | 0.93 | 21 | 20 | No |
| Max Def Heather Blend ** | 0668-0123 | 0.19 | 0.19 | 0.93 | 0.94 | 19 | 20 | No |
| Max Def Moire Black | 0668-0130 | 0.19 | 0.18 | 0.91 | 0.92 | 18 | 17 | No |
| Max Def Resawn Shake | 0668-0124 | 0.19 | 0.18 | 0.93 | 0.93 | 19 | 18 | No |
| Max Def Weathered Wood ** | 0668-0125 | 0.21 | 0.20 | 0.94 | 0.92 | 22 | 20 | No |
| Silver Birch ** | 0668-0072 | 0.26 | 0.27 | 0.90 | 0.89 | 27 | 28 | Yes |

* 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.

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 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 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
Can be used to comply with California Title 24,
Part 6 Compliant (Steep Slope)

Technical Data:

| | | | |
|-------------------------|-------------------|------------------|--------|
| Weight/Square (approx.) | 255 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 Warranty, 10-year SureStart™ protection, and a 10-year 110 mph wind-resistance warranty (upgradeable to 130 mph when using CertainTeed starter and CertainTeed hip and ridge). 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

Customer Experience Team: 800-233-8990

e-mail: gethelp@saint-gobain.com

Web site: www.certainteed.com

See us at our on-line specification writing tool, CertaSpec, at www.certainteed.com/certaspec

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