

AMERICAN SHINGLES

a g r e a t d e s i g n a l t e r n a t i v e

AMERICAN SHINGLES PTY LIMITED

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TECHNICAL DATA SHEET



1. PRODUCT NAME:

Landmark™, Landmark™ TL,
Landmark™ 40, Landmark™ 40 AR,
Landmark™ 30 and Landmark™ 30 AR;

2. MANUFACTURER:

CertainTeed Corporation
Roofing Products Group
750 E. Swedesford Road
P.O. Box 860
Valley Forge, PA 19482
www.certainteed.com

DISTRIBUTOR (Australia/Oceania/SE Asia):

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3. PRODUCT DESCRIPTION:

The Landmark™ series reflects the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products. Landmark 50 (and AR), Landmark 40 (and AR) and Landmark 30 (and AR) are built with the industry's toughest fibreglass mat base, and their strict dimensional tolerance assures consistency. Complex granule colour blends and subtle shadow lines produce a distinctive colour selection. Available in "English" dimensions – 305mm x 915mm or 12" x 36" or "Metric" dimensions – 337mm x 984mm or 13-1/4" x 38-3/4", depending on sales region. In our Northwest Region of the US, the Landmark 40 AR product label also indicates "Architect 80."

The Landmark algae-resistant (AR) shingles have the additional attribute of resisting the growth of algae especially in damp regions. The algae-resistant versions of Landmark are not available in all regions.

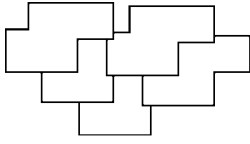
Landmark series shingles are available in the following colours: Birchwood, Black Walnut, Burnt Sienna, Charcoal Black, Colonial Slate, Cobblestone Grey, Cypress Wood, Driftwood, Georgetown Grey, Granite Grey, Heather Blend, Hunter Green, Moiré Black, Mountain Timber, Painted Desert, Resawn Shake, Sandstone, Mist White, Sunrise Cedar, Shadow Grey, Silver Birch, Thunderstorm Grey, and Weathered Wood. Colour, algae-resistance and product availability can vary by region.

Use Shadow Ridge roofing shingles of a like colour for capping hips and ridges.

Limitations: Use on roofs with slopes greater than 9.5° (2" per foot). Low-slope applications from 9.5° to 18.5° (2" to 4" per foot) require additional underlayment. In areas where icing along eaves can cause the back up of



Importers of quality roofing shingles, shakes and rainwater products



water, apply CertainTeed WinterGuard™ Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

Composition and Materials: Landmark series shingles are composed of a fiberglass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in a special tough asphaltic cement. All Landmark shingles have self-sealing adhesive strips.

4. TECHNICAL DATA:

English	Landmark 30	Landmark 40	Landmark 50	
Weight/m ² (approx.):	12.21kg/m ²	13.18kg/m ²	14.89kg/m ²	
Dimensions (overall):	305 x 915mm	305 x 915mm	305 x 915mm	12" x 36"
Shingles/square metre:	8.61/m ²	8.61/m ²	8.61/m ²	80/square
Weather exposure:	127mm	127mm	127mm	5"
Metric	Landmark 30 & AR	Landmark 40 & AR	Landmark 50 & AR	
Weight/m ² (approx.):	12.21kg/m ²	13.18kg/m ²	14.89kg/m ²	
Dimensions (overall):	337 x 985mm	337 x 985mm	337 x 985mm	13-1/4" x 38-3/4"
Shingles/square metre:	7.10/m ²	7.10/m ²	7.10/m ²	66/square
Weather exposure:	143mm	143mm	143mm	5-5/8"

Applicable Standards:

ASTM D3018 Type I	
ASTM D3462	ICC Evaluation Report ESR-1389
ASTM E108 Fire Resistance: Class A	NYC-MEA-120-79-M (Regional)
ASTM D3161 Class F Wind Resistance	CSA Standard A123.5-98 (& -05) (Regional)
ASTM D7158 Class H Wind Resistance	Ontario BMEC Auth. 97-10-219 (Regional)
UL 2390/ASTM D6381 Class H Wind Resistance	Miami-Dade Product Control Approved
UL 790 Fire Resistance: Class A	Florida Product Approval # FL5444 (Regional)
UL 997 Wind Resistance	TDI Windstorm Resistance (Regional)

5. INSTALLATION:

Installation instructions, including diagrams, are supplied on each bundle of Landmark series shingles, or separate application sheets may be obtained from CertainTeed. Following is a general summary of the installation methods. NOTE - Refer to application instructions supplied with the shingles for further information and application procedures.

Roof Deck Requirements: Apply shingles to minimum 9.5mm (3/8") thick plywood, minimum 12mm nominal (7/16") thick non-veneer (e.g. OSB), or minimum 25mm nominal (1") thick wood decks. The plywood or non-veneer decks must comply with the specifications of APA-The Engineered Wood Association.

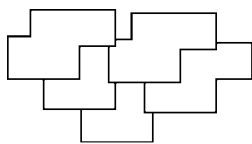
Ventilation: Provisions for ventilation should meet or exceed current US HUD Standards. To best insure adequate ventilation, use a combination of continuous ridge ventilation (using a product such as Ridge FilterVent® or Ridge Filter ShingleVent® II, manufactured by Air Vent Inc., a CertainTeed subsidiary) and balanced soffit venting.

Valleys: Valley liner must be applied before shingles. The Closed-Cut valley application method is recommended, using CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent to line the valley prior to being fully covered by the shingles.

Underlayment: At standard slopes of 18.5° (4" per foot or greater) a single layer of Roofers' Select™ High-Performance shingle underlayment (or product meeting ASTM D 4869) is recommended. For UL fire rating, underlayment may be required. Corrosion-resistant drip edge is recommended and should be placed over the underlayment at the rake and beneath the underlayment at the eaves.

On low slopes from 9.5° to 18.5° (2" to 4" per foot), apply CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent, or two layers of 915mm (36") wide felt shingle underlayment (Roofers' Select High-Performance Underlayment or product meeting ASTM D 4869) lapped 483mm (19"), over entire deck according to the application instructions provided with the product. When WinterGuard is applied to the rake area, the drip edge may be installed under or over WinterGuard. At the eave, when WinterGuard does not





overlap the gutter or fascia, the drip edge must be installed under WinterGuard. When WinterGuard overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

Fastening: Four nails are required per shingle. Nails must be of sufficient length to penetrate into the deck 19mm (3/4") or through the thickness of the decking, whichever is less. They must be placed between the nail lines marked on the shingle. They are to be located 25mm (1") and 305mm (12") in from each side of the shingle (see instructions on product wraps.) Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 9.5m diameter (3/8") heads.

Steep Slopes: On slopes greater than 60° (21" per foot), fasten each shingle with six nails and four 25mm (1") diameter spots of asphalt roofing cement (ASTM D 4586, Type II) placed under each shingle according to application instructions provided on the shingle package.

Application (English-Sized Shingles): The recommended application method is the 'Five-Course, Diagonal Method (English)' found on each bundle of shingles. In this method, shingle course offsets are 7" and 14". Instructions also may be obtained from CertainTeed. These shingles may be used for new construction or for re-roofing over old English-sized shingles.

Application (Metric-Sized Shingles): The recommended application method is the 'Five-Course, Diagonal Method (Metric)' found on each bundle of shingles. In this method, shingle course offsets are 5-5/8" and 11-1/4". Instructions also may be obtained from CertainTeed. These shingles may be used for new construction or for re-roofing over old metric-sized shingles.

Flashing: Use corrosion-resistant metal flashing.

Hips and Ridges: Use Shadow Ridge roofing shingles of a like colour for capping hips and ridges.

6. AVAILABILITY AND COST:

Contact **American Shingles** for current pricing and supply information for Australia, Oceania & SE Asia regions.

7. WARRANTY:

Landmark 50 (and AR), Landmark 40 (and AR), Landmark 40 AR/Architect 80, and Landmark 30 (and AR) shingles carry a limited, transferable warranty to the consumer against manufacturing defects -- 50 years for Landmark 50 (and AR); 40 years for Landmark 40 (and AR) and Landmark 40 AR/Architect 80, and 30 years for Landmark 30 (and AR). For specific warranty details and limitations, refer to the 2013 International Limited Warranty (available from **American Shingles** or by writing to CertainTeed Corporation).

8. MAINTENANCE:

Landmark series shingles require virtually no 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.

9. TECHNICAL SERVICES:

Complete technical support and assistance are available through **American Shingles** via the fully staffed and equipped Research and Development facility in Blue Bell, Philadelphia.

10. FILING SYSTEMS:

Sweets® Catalogue; Sweets® Internet Website: www.sweets.com
SweetSource® Electronic Catalogue
ARCAT™; ARCAT™ Internet Website: www.arcat.com

For additional information and literature contact **American Shingles** 1300 131 881 Facsimile 1300 731 881
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