

## Landmark Shingles

### Technical Information

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, Landmark 40 and Landmark 30 are built with the industry's toughest fiber glass mat base, and their strict dimensional tolerance assures consistency. Complex granule colour blends and subtle shadow lines produce a distinctive colour selection.

Landmark is produced with the new nailing feature WideTrack QB this allows greater accuracy for fixings. Please see the installation instruction section below for important information regarding WideTrack QB.

The Landmark algae-resistant (AR) shingles have the additional attribute of resisting the growth of algae especially in damp regions.

#### Colours:

Birchwood, Black Walnut, Burnt Sienna, Colonial Slate, Driftwood, Georgetown Gray, Granite Gray, Heather Blend, Hunter Green, Moire Black, Mist White, Mountain Timber, Resawn Shake, Sunrise Cedar, Terra Cotta, Thunderstorm Gray and Weathered Wood.

#### Limitations:

Use on roofs with slopes greater than 10°. Low-slope applications (10–18°) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply Skellerup Peel & Stick Waterproofing Shingle Underlayment according to application instructions provided with the product and on the shingle package.

#### Product Composition:

Landmark Series shingles are composed of fibre glass 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.

#### Applicable Standards

ASTM D 3018 Type 1

ASTM D 3462

ASTM E 108 Fire Resistance: Class A

ASTM D 3161-99, Type 1 Wind Resistance

UL 790 Fire Resistance: Class C

UL 997 Wind Resistance

NTC-MEA-120-79-M

BOCA & SBCCI Building Codes

ICC/ICBO Evaluation Report ER-5429 Pending

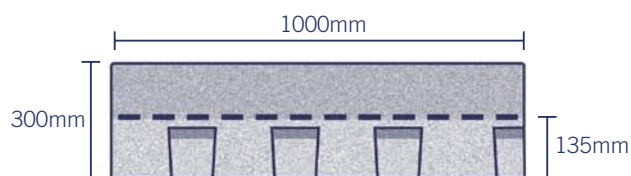
CSA Standard A123.5-98

Ontario BMEC Auth. 97-10-219

Miami-Dade Product Control Acceptance (Regionally)

BRANZ Appraisal Certificate #276

#### Technical Data



	Landmark 30	Landmark 40	Landmark 50
Weight/Square (approx)	11kg/m <sup>2</sup>	12kg/m <sup>2</sup>	14kg/m <sup>2</sup>
Dimensions (overall)	300x1000	300x1000	300x1000
Weather Exposure	135mm	135mm	135mm

## Landmark Shingles *Installation*

Installation instructions, including diagrams, are supplied on each bundle of Landmark series shingles, or separate application sheets located in the installation section. Following is a general summary of the installation methods. NOTE – Refer to application instructions supplied with the shingles for further information and procedures.

### **Roof Deck Requirements:**

Apply shingles to minimum 12mm thick plywood, or minimum 25mm thick (nominal) wood decks.

### **Ventilation:**

Provisions for ventilation should meet or exceed current HUD Standards. To best ensure adequate ventilation, use a combination of continuous ridge ventilation (using Ridge FilterVent or Ridge Filter ShingleVent II, manufactured by Air Vent Inc, or a comparable product with an external baffle) and balanced soffit venting.

### **Valleys:**

Valley liner must be applied before shingles. The Closed-Cut valley application method is recommended using Skellerup Peel & Stick Waterproofing Underlayment or two to three layers of underlayment to line the valley prior to being fully covered by the shingles.

### **Underlayment:**

At standard slopes (18° or greater) a single layer of 15w High-Performance shingle underlayment (or product meeting ASTM D 4869 or ASTM D 6757) is recommended. 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 (10-18°) apply Skellerup Peel & Stick Waterproofing Shingle Underlayment or two layers of 900mm wide felt shingle underlayment lapped 450mm, over entire deck according to the application instructions provided with the product. When Peel & Stick is applied to the rake area, the drip edge may be installed under or over membrane. At the eave, when Peel & Stick does not overlap the gutter or fascia, the drip edge must be installed under membrane. When Peel & Stick overlaps the fascia or gutter, the drip edge or other metal must be installed over it.

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### Installation

#### **Fastening (Landmark WideTrack QB):**

On low and standard slopes, four nails are required per shingle. There are three nail lines of WideTrack QB shingles. Position nails vertically between the upper and lower nailing-guide lines. For low and standard slopes it is acceptable to nail between either the middle and lower lines or between the upper and middle lines. Nails must be of sufficient length to penetrate into the deck 20mm or through the thickness of the decking, whichever is less. Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 9mm heads.

For high corrosion zones eg. coastal we recommend stainless steel nails to be used.

#### **Steep Slopes (All versions of Landmark):**

On slopes greater than 60°, fasten each shingle with 6 nails and four 25mm diameter spots of Skellerup roofing cement (ASTM D 4586, Type II) placed under each shingle according to application instructions provided on the shingle package. Fasteners must penetrate the two-layer common bond area, also illustrated on the shingle package.

#### **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 135mm. Instructions also may be obtained from Skellerup. 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 CertainTeed’s Shadow Ridge, accessory roofing shingles of a like colour for capping hips and ridges.

#### **Maintenance**

Landmark series 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.