

Independence Shingles

Technical Information

With random laminated tabs and a smooth surface blend, Independence masterfully captures the rich depth of wood shakes and the luxury look of slate. It will enhance virtually any roof design or architectural style. Available in “English” dimensions. 300mm x 900mm

Independence AR Roofing shingles have the additional attribute of resisting the growth of algae especially important in damp regions. Independence is also designed to comply with ‘Very High’ Wind Zones. Wind speeds of up to 175kph (50m/s).

Colours: Burnt Sienna, Colonial Slate, Charcoal Black, Cottage Red, Driftwood, Georgetown Gray, Hamilton Blue, Heather Blend, Hunter Green and Weathered Wood. Colour and product availability can vary by region.

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 Underlayment according to application instructions provided with the product and on the shingle package.

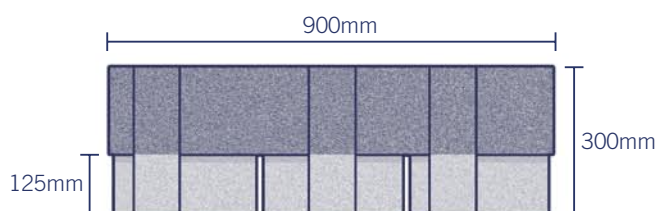
Product Composition: Independence shingles are composed of fibre glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water resistant asphalt. The laminated tabs are firmly adhered in a special tough asphaltic cement. The fibreglass based Independence shingles have self-sealing adhesive.

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 A
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
BRANZ Appraisal Certificate #276

Technical Data

	Independence
Weight/Square (approx)	14kg/m ²
Dimensions (overall)	300 x 900mm
Weather Exposure	125mm



Independence Shingles *Installation*

Installation instructions, including diagrams, are supplied on each bundle of Independence 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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Fixing:

Fastening Four nails are required per shingle. They are to be located 15mm above the top of each cutout and 25mm & 300mm in from each side of the shingle. 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. Staples are not allowed. For high corrosion zones eg. coastal we recommend stainless steel nails to be used.

To prevent slippage of the laminated tabs when shingles are applied to slopes exceeding 60° per foot or when individual shingles meet a wall or ridge at any slope, an additional fastener is to be horizontally centered on each laminated tab and placed within 30mm of the upper edge of the shingle.

Application: The recommended application method is the 'Four-Course, 150mm Stepped-Off, Diagonal Method' found on each bundle of shingles. These shingles may also be applied using the 125mm Stepped-Off, Diagonal Method (Instructions also may be obtained from Skellerup). These shingles may be used for new construction or for roofing over old 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

Independence 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.