

CERTIGRADE®

Red Cedar Shingles

- 100% Edge Grain - 100% All Clear -
- 100% Heartwood -

CEDAR SHAKE & SHINGLE BUREAU

THE RECOGNIZED AUTHORITY SINCE 1915
SUMAS, WASHINGTON (604) 820-7700



The Wood Component Company

Western Red Cedar Shingles

No1 Blue Lable Perfections, The Highest Grade Western Red Cedar Shingle 18" Kiln Dried

Eco Friendly, High Performance & Naturally Durable

Supplied in Bundles of 2.33M2 / 25ft2 Coverage

Suitable for Roofs, Walls, Cladding, Porches, Gazebos, Tree Houses

Certigrade™ Cedar Shingles are produced by cutting blocks from the log to the desired length.

Shingles are then taper sawn to size. This type of smooth sawn architecturally uniform cedar shingle is preferred for its natural and tailored appearance and is used on traditional and modern residential and non-residential structures.

No1 Blue Lable is the premium grade of shingles for roofs and sidewalls. These top-grade shingles are 100% heartwood, 100% clear and 100% edge grain. Available in & 18" lengths.



Western Red Cedar Shingle Specification



1. Estimating Coverage

Shingles can be applied at a variety of gauges, however there are 3 recommended gauges:

- a) Roofs 14° - 21°- shingles applied at a 95mm gauge = 1.73m² per bundle
- b) Roofs 22° + - shingles applied at a 125mm gauge = 2.28m² per bundle
- c) Vertical - shingles applied at a 190mm gauge = 3.47m² per bundle

N.B. These are exact areas and do not allow for cutting and wastage.

In addition for all cases allow extra for the following:

- i. Double Starter Course - 1 bundle for every 18 lin.m
- ii. Valleys - 1 bundle for every 7.5 lin.m.
- iii. Hips & Ridges* - 1 bundle for every 7.5 lin.m (traditional method)

2. Nails

For maximum life fixing should be made with 2 no. 31mm x 1.8mm silicon bronze or stainless steel annular ring nails per shingle.

As a guide 0.9kg of nails are required to fix four bundles of shingles.

3. Fixing Method

Fixing Specification 14° - 21° pitch

The shingles should be fixed at 95mm gauge giving a coverage of 1.73 sq/m per bundle net.

A double course of shingles should be used as a starter course at the eave and an allowance of 1 bundle for every 18 lin/m run should be included. The shingles should project at least 38mm beyond the eave protection or if a gutter is used at least to the centre line of the gutter.

The shingles shall be spaced 6mm apart and be nailed twice, the nails should be fixed 19mm in from the edge and 38mm above the butt of the course above.

Joints in any one course should have a side lap of not less than 38mm from the joint in adjacent courses and in any 3 courses no 2 joints should align.

Hips & Ridges may be formed on site by hand or alternatively a pre-formed hip & ridge capping may be used.

Valleys should be code 5 lead or as specified and should be at least 375mm in width and should be coated with patination oil or bituminous paint where contact is made with the shingles. The shingles should lap the lead by not less than 178mm on each side.

Flashings shall be in accordance with good building practice and should be coated with patination oil or bituminous paint where contact is made with the shingles.

Ventilation should be at eave level and a Roll Vent ridge ventilator is advisable.

Fixing Specification 22° Pitch & Above

The shingles should be fixed at 125mm gauge giving a coverage of 2.28 sq/m per bundle net.

A double course of shingles should be used as a starter course at the eave and an allowance of 1 bundle for every 18 lin.m run should be included.

The shingles should project at least 38mm beyond the eave protection or if a gutter is used at least to the centre line of the gutter.

The shingles shall be spaced 5mm apart and be nailed twice, the nails should be fixed 19mm in from the edge and 38mm above the butt of the course above.

Joints in any one course should have a side lap of not less than 38mm from the joint in adjacent courses and in any 3 courses no 2 joints should align.

Hips & Ridges may be formed on site by hand or alternatively a pre-formed hip & ridge capping may be used.

Valleys should be code 5 lead or as specified and should be at least 375mm in width and should be coated with patination oil or bituminous paint where contact is made with the shingles. The shingles should lap the lead by not less than 178mm on each side.

Flashings shall be in accordance with good building practice and should be coated with patination oil or bituminous paint where contact is made with the shingles.

Ventilation should be at eave level and a Roll Vent ridge ventilator is advisable.

4. Length, Weight & Coverage Tables

Type	Lengths	Butt end	Availability
Perfections	450mm (18in)	11mm	From Stock

Weight – Based on one bundle Five X 16"

Type	Weight per Bundle	Weight per m2	
		125mm gauge	95mm gauge
Standard Clean	14kg	6.14kg	8.09kg
Preservative Treated	28kg	12.28kg	16.19kg
Fire Retardant Treated	16kg	7.02kg	9.25kg

Type and size	Exposure/Gauge						
	95mm	100mm	125mm	140mm	190mm	215mm	290mm
Perfections 450x11mm	1.57m ²	1.66m ² †	2.08m ²	2.33m ² *	3.16m ²	3.57m ² †	4.82m ²

† – Maximum recommended exposure for roofs between 14° and 21°

* - Maximum recommended exposure for roofs 22° and above

‡ – Maximum recommended exposure for walling



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