



## Thank you for choosing JB Shingles

Marley Eternit is the market leading importer of western red cedar shingles and is a member of the Cedar Shake and Shingle Bureau (CSSB). All Marley Eternit cedar shingles have the 'Certi-Grade' quality assurance label. Only members of the Cedar Shake and Shingle Bureau are able to use the Certi-label.

Bureau members are bound by rigid quality standards and the label serves as a quality control mechanism to ensure you have bought the correct product. You will find your Certi-label tucked under the strap of each bundle of Marley Eternit JB shingles.



### FAQ's

#### How long do the shingles last if untreated?

Shingles are very durable without treatment and have a minimum life expectancy of between 20-30 years. With our clear MicroPro® preservative treatment, this can be extended to 40-50 years.

#### Do the edges need treating?

No. The shingles are treated under very high pressure, the treatment penetrates the shingle and is not just a surface coating.

#### What fire treatment do we use?

JB FRT exterior treatment gives the cedar shingle an EXT. S. AA BROOF (f4) fire classification to BS 476-3: 2004. This treatment also meets BS 476 Euroclass B when used for vertical cladding.

#### Do I need to re-treat my shingles?

The MicroPro® treatment is impregnated into the shingle therefore no further treatment needed.



### Shingles installation video

Watch a quick video on shingle installation at [marleyeternit.co.uk/shingles](http://marleyeternit.co.uk/shingles) or scan the QR code shown.



### Estimating and coverage

Cedar shingles are supplied in bundles. The coverage depends on the application:

Use	Max. gauge	Coverage	JB-Red 25x38 Battens per m <sup>2</sup>	Silicon bronze nails	JB ShingleFix SS staples	Laid weight
Vertical cladding 90°	190mm	3.47m <sup>2</sup>	5.3	0.05 kg per m <sup>2</sup>	0.023 box	4.6kg
Roofs 22°-89°	125mm	2.28m <sup>2</sup>	8.0	0.08 kg per m <sup>2</sup>	0.035 box	7.0kg
Roofs 14°-21°	95mm	1.73m <sup>2</sup>	10.5	0.1 kg per m <sup>2</sup>	0.046 box	9.3kg

Product	Quantity of pieces per box/bundle	Coverage per bundle	No. of bundles
1 bundle of shingles	120 approx*	1.73-3.47m <sup>2</sup> (dependent on roof gauge – refer to above table)	n/a
1kg of silicon bronze nails	1450	n/a	6
1 box of ShingleFix staples	3000	n/a	12.5

\* Quantity will vary from bundle to bundle due to the nature of varying widths

#### Coverage by product table

1 bundle of shingles is required for 18 metres of eaves course.

1 bundle of shingles is required for 7.5 metres of Hip & Ridge (Traditional method)\*.

These are exact quantities. Allow extra for cutting and waste. For a simple roof this is around 5% but for complex structures (ie Octagonal Roofs) this could be over 30% as there is a lot of cutting.

### Product selection check list and ordering

- ✓ Certi-grade label
- ✓ Hip and Ridge units
- ✓ JB shingles
- ✓ Treatment guarantee
- ✓ JB-Red batten
- ✓ Silicon Bronze Nails or JB ShingleFix
- ✓ Marley Eternit Universal Underlay

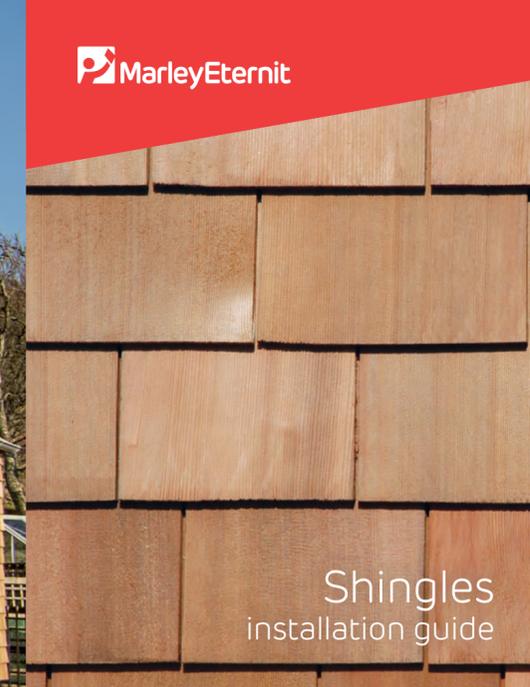
# Installation

The shingles should be fixed at the appropriate gauge directly onto roofing battens. Use a double course of shingles as a starter course at the eave. 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. They should extend 38mm over the verge or gable moulding/barge board.

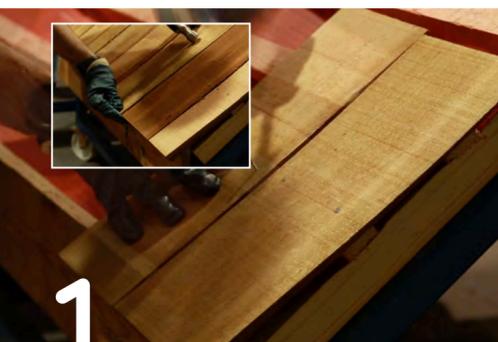
Space the shingles 5mm apart and nail or staple each shingle twice. The nails/staples should be fixed 19mm in from the edge and 38mm above the butt of the course above.

Ensure that joints in any one course have a side lap of no less than 38mm from the joint in adjacent courses, and in any 3 courses, that no 2 joints align. Battens should be strong and stiff enough to withstand the proposed loading and provide adequate fixing and alignment.

They must comply with BS 5534: 2014. Marley Eternit recommends 25 x 38mm JB-Red factory graded battens. A Marley Eternit breathable membrane is also recommended.



## Fixing overview



1

A double eaves course is required and should overhang 38mm into the gutter. A broken bond pattern should be maintained and shingles should be twice nailed or stapled.



2

Mark batten location with a chalk line to establish correct fixing position.



3

Continue laying courses of shingles up roof slope. Using the ShingleFix staples and a Paslode staple gun, (two staples per shingle instead of silicon bronze nails), shown above, can reduce installation times by up to 50%, dependant on roof pitch.



4

Shingles can be easily trimmed to size using a straight edge and sharp knife.



5

Trim shingles to size to create shortened ridge course. Lay along length of ridge, fixing each shingle twice.



6

Using pre-formed ridge units, lay along the ridge, ensuring a minimum overlap equal to the shingle gauge on the roof covering. Ridge units should be twice nailed, once either side of the ridge line.



## Top tips



**1. Getting started:** Spend some time selecting the best face of the shingles.

**2. Battens and membranes:** Marley Eternit recommends using battens and counter battens with a membrane to allow adequate air flow if necessary.



**3. Fixings:** Marley Eternit recommends 2 x 31mm x 1.8mm silicon bronze nails per shingle and 4 x 45mm x 2.65mm silicon bronze nails for Hip & Ridge capping.

Alternatively, specially designed stainless steel staples can be used when employing the ShingleFix system.



**4. Hips and ridges:** To speed up and simplify installation, use pre-formed hips and ridges. When installing, start at each edge and work towards the middle.



## JB ShingleFix and fixings

JB ShingleFix is a specially designed stainless steel staple to fix the shingle instead of using the traditional silicon bronze nail. Independent tests witnessed by the NFRC and recently completed projects have seen reductions of up to 50% for low pitched roofs (95mm gauge) and standards roofs (125mm gauge)\*

JB Shinglefix can only be used with a Paslode staple gun.

\* Excluding felt and battens.