VasternTimber
Green British Western Red Cedar Cladding

Overview

British western red cedar cladding is sourced from well-managed forests in England and Wales, mostly within 100 miles of our Wiltshire sawmills.

British-grown cedar has been established in our woodlands for over a century and the timber performs excellently as sawn exterior cladding. British cedar is paler and more knotty than that grown in Canada, giving it a more rustic character.

Technical Specification

Produced to comply with the harmonized standard for construction products regulation BS EN 14915:2013+A2:2020 and to conform to BS8605-1:2014 External timber cladding: Method for specifying.

Wood Specie

British western red cedar *(Thuja plicata)*

Origin

Legal and well-managed forests in England. UKTR compliant.

Intended Use / Use Class (BS EN 335)

External wall cladding (above ground), generally classified as Use Class 3

Other Uses

Fencing

Grading (BS EN942:2007) (BS1186-3)

Generally knotty, allowing unlimited sound knots. Holes and loose knots will be excluded. Sap on the edges is included. No rot, insect damage or pith will show on the front face. (BS1186-3) Class 3. (BS EN942:2007) J50.

Surface Finish

Sawn

Orientation

Vertical or horizontal

Thickness

20mm up to 50mm

Width

70mm up to 350mm

Tolerances

Thickness +/- 2mm, width +/- 3mm

Lengths

Random 1.8 – 3.7mt+ subject to availability

Moisture Content

Wet

Durability (EN350-2)

Durable Class 3

Insect Attack

Resistant

Desired service life (BS8417)

30 years +

Movement Class

Medium

Resistance to Impact

Low

Resistance to Fixing

Low

Mean Density

500 kg / M3

When to Fix

Avoid summer months

Recommended Fixings

Face fix with stainless steel ring shank nails or screws. Hand nail or first fix nail gun. Pre-drilling advised to reduce splitting, particularly at the ends.

Battens

Durable, thermally modified or green treated softwood 40 x 45mm at 400–500mm centres. Plus 25–45mm x 45mm counter batten for vertical cladding.

Circularity

Supplied without surface coatings or added chemicals.

Screw fix for easy deconstruction and replacement of damaged boards.

End of life – Recycle, burn or compost.

Working Properties

Good workability. Takes fixings satisfactorily.

Extractives

Western red cedar contains reactive oils that can corrode ferrous metals and cause staining. Only use stainless-steel fixings. The oils may leave brown marks on the cladding and stain porous surfaces below, making it less suitable for polluted or shaded areas.

Emission of Formaldehyde (EN14915)

E1 (Not significant)

Reaction to Fire (EN14915)

Euroclass F (Untested). D-s2, d0

Fire Retardant Treatment / Coating

Not possible

UKCA Compliant (EN14915)

Yes

Product Appearance and Profile Diagrams →

Green British Western Red Cedar Cladding

Appearance

British western red cedar ranges from pink to amber heartwood with pale cream sapwood. The colour is paler, but more consistent than Canadian cedar.

Weathering
The surface colour will change to silver-grey over 12 to 24 months, weathering evenly, although northerly elevations may grow mould and darken.



Feather Edge Cladding



Detail

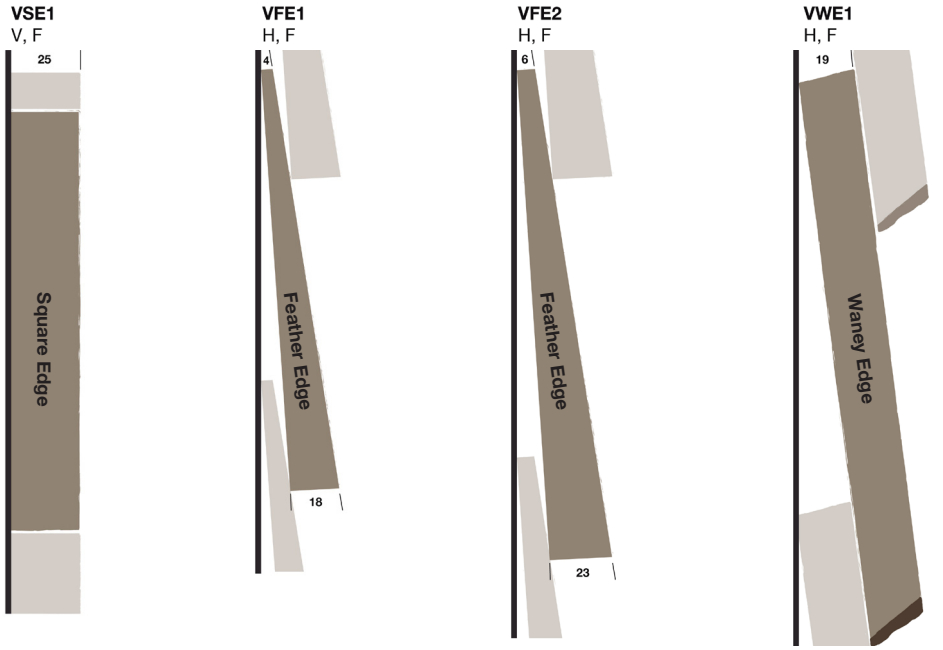
Installation

General Installation Guidance

- Only use stainless steel fixings.
- Ensure suitable overlap of boards.
- Allow adequate air circulation behind cladding.
- Attach breather membrane between external face of building and battens.
- Allow min 10mm drainage gap at base of cladding.
- Install insect mesh at top and bottom of cladding.

Popular Profiles

Find our full range online: **vastern.co.uk**



(V) Vertical orientation / (H) Horizontal orientation / (F) Exposed nail through face / (T) Hidden nail through tongue

Further Information

'Selecting The Right Timber Cladding' CPD introduces the wide range of timber cladding available in the market, including British and imported timber species. The presentation also considers the environmental and design factors affecting timber cladding and how to consider these during the decision-making process.

CPD CERTIFIED
The CPD Certification Service

While the utmost care has been taken to provide accurate information, Vastern Timber shall not be held responsible for any consequences arising from errors or omissions on this document, nor for any damages resulting from the use of the information.

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