

## GRADE & QUALITY DESCRIPTION

### Cascadia

GRADING CRITERIA Western Red Cedar (*Thuja plicata*) Cladding and Boards.

#### General Notes

High-quality production - exceeds NLGA grading rules.

100% Select Knotty grade – lower grade (known as ‘quality knotty’) not allowed.

Well manufactured live knotted wood fibre.

Kiln-dried to moisture content of 15-18% (+/- 2%).

PEFC Certified.

#### Wood Fibre

Superior and consistent live-knotted Western Red Cedar harvested from second-growth forests in the coastal regions of British Columbia, Canada.

#### Knots

##### Permitted

Sound tight (live / intergrown) knots permitted. Average of three knots per metre over total length of board (excluding pin knots). Cracked knots are permitted. Knots typically 20 – 38mm in diameter with occasional larger knots on wider boards.

#### Sap Wood

##### Permitted

Occasional.

#### Compression Wood

##### Permitted

Occasional.

#### Deformation (Warp)

##### Permitted

Boards with ‘very light’ curvature and twisting, as far as proper installation is ensured. As a guide, a 5mm deviation from true is permitted on a 19 x 89 x 2440mm board. The longer the board, the greater the deviation from true is permitted.

[www.silvatimber.co.uk](http://www.silvatimber.co.uk) | [enquiries@silvatimber.co.uk](mailto:enquiries@silvatimber.co.uk) | 0151 495 3111 | 020 8150 8055



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**Checks**

**Permitted**

Occasional small surface checks permitted.

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**Splits**

**Permitted**

Short splits permitted equal in length to the width of the board.

Splits may be present in small percentage of boards.

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**Torn or Raised Grain**

**Permitted**

Light torn or raised grain permitted.

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**Machining / Handling Marks** **Permitted**

Occasional minor marks / blemishes may be present.

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**Colour Variation**

**Permitted**

Colour can vary between boards and within boards.

Typical colour range: light straw to dark reddish brown.

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This is offered as a general guide to the main characteristics likely to be encountered in any shipment of Cascadia "Select Knotty" material. There are other minor wood characteristics not listed which may occasionally be present but would not detract from the usability of the material.

Reference Paragraph: National Lumber Grades Authority (NLGA) *Standard Grading Rules for Canadian Lumber* – Paragraph 204a.

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