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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 12-15% (+/- 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 | enquiries@silvatimber.co.uk | 0151 495 3111 | 020 8150 8055



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Checks

Permitted

Occasional small surface checks permitted.

Splits

Permitted

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

Splits may be present in small percentage of boards.

Torn or Raised Grain

Permitted

Light torn or raised grain permitted.

Machining / Handling Marks **Permitted**

Occasional minor marks / blemishes may be present.

Colour Variation

Permitted

Colour can vary between boards and within boards.

Typical colour range: light straw to dark reddish brown.

Notes

- Silva offers this information as a general guide to the main characteristics likely to be encountered in any shipment of Cascadia "Select Knotty" material.
- Since no two pieces of timber are identical, complete uniformity throughout a shipment is impossible.
- Grading is not an exact science because it is based on a visual inspection of each piece and the grader's judgment.
- Most boards will be fully usable; however, the installer will be required to trim some boards to remove undesirable defects.
- Other minor wood characteristics not listed may occasionally be present but would not detract from the material's usability.
- On occasion, knot sizes and other characteristics may fall outside of the typical sizes quoted.

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

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