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## GRADE & QUALITY DESCRIPTION

### Clear Vertical Grain

GRADING CRITERIA      Western Red Cedar (*Thuja plicata*) Cladding, Boards, Trim

#### General Notes

Graded to BS1186-3 Part 4 Class 1.  
High-quality production - exceeds NLGA grading rules.  
100% heartwood / 100% vertical grain.  
Clean, consistent almost entirely knot free appearance.  
Kiln-dried to moisture content of 12-15% (+/- 2%).  
PEFC Certified.

#### Wood Fibre

Fine grained, old growth wood from forests in coastal regions of British Columbia, Canada. Specially selected to ensure finished product is all heartwood and all vertical grain.

#### Knots

##### Permitted

Though occasional small knots are allowed within the official industry grading rules\*, this product is almost entirely free of knots other than occasional pin knots.

#### Sap Wood

##### Not Permitted

All heartwood.

#### Compression Wood

##### Not Permitted

None present.

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**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.

**Checks**

**Permitted**

Small occasional 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**

Very 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.

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

\*National Lumber Grades Authority (NLGA) *Standard Grading Rules for Canadian Lumber* – Paragraph 200a.

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