

## **GRADE & QUALITY DESCRIPTION**

Select Clear (85/15) Grading Criteria	Western Red Cedar ( <i>Thuja plicata</i> ) Cladding, Boards, Trim
	High-quality production - 85% No. 2 Clear & Better / 15% No. 4 Clear
	100% heartwood
	Kiln-dried to moisture content of 16% (+/- 2%).
	PEFC Certified.
Wood Fibre	Fine grained, old growth wood from forests in coastal regions of British Columbia, Canada.
Knots	Permitted
	Though occasional small knots are allowed within the official industry grading rules*, many boards are entirely free or virtually free of knots.
	Approximately 85% of the material will fall into the No. 2 Clear & Better grade, which permits three knots of up to 13mm or equivalent on the face side, and four knots up to 19mm or equivalent on the reverse side of an 18 x 142mm x 4.88m board.
	Less stringent grading of this material allows a small percentage of No. 4 Clear (approximately 15%). This grade permits occasional knots of up to 25mm or equivalent on the face side, and slightly more are allowed on the reverse side of an 18 x 142mm x 4.88m board. A small percentage of these knots will be unsound or loose.
Sap Wood	Not Permitted
	Occasional minor presence.
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 an 18 x 92 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	
	Minor marks / blemishes / skips in dressing may be present.	
Cut Outs	Permitted	
	Occasional pieces in shipment may have a 100mm cut out in pieces 1.83m and longer.	
Pin Hole	Permitted	
	Occasional pieces in shipment may exhibit pin hole. 15 per 305 x 305mm (square foot) on face, 30 per 305 x 305mm on reverse.	

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**Colour Variation** 

## Permitted

Colour can vary between boards and within boards.

Typical colour range: light straw to dark reddish brown.

## Notes

- B&F offers this information as a general guide to the main characteristics likely to be encountered in any shipment.
- 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.
- Boards are graded on one face only. Boards are not reversible and, as such, some surface/roller marks may be expected on the rear of the boards.
- 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.
- Grading applies to the visible area of the board once installed. Damage to unseen edges, such as the tongue, is acceptable.
- To achieve a better quality finish to the face of the board, we remove less material from the reverse side and more from the face side as the boards pass through the moulder. The reverse side is not machined to the same standard as the face, and therefore this product should not be considered 'dual-sided'.

\*Pacific Lumber Inspection Bureau (PLIB) *Export R List Grading & dressing Rules* – Paragraph 401. No. 2 Clear & Better' and Paragraph 401 – a. No. 4 Clear.'

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