

GRADE & QUALITY DESCRIPTION

No.2 Clear & Better 85/15

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

General Notes

Graded to BS1186-3 Part 4 Class 2

High-quality production - 85% No. 2 Clear & Better / 15% No. 4 Clear

100% heartwood

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.

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 a 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.

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Compression Wood **Not Permitted**
None present.

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 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**
Occasional minor marks / blemishes / skips in dressing may be present.

Cut Outs **Permitted**
Occasional pieces in shipment may have a 100mm cut out 1.2m from either end in pieces 1.83m and longer.

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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.

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 Silva's No. 2 Clear & Better 85/15 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.
- Characteristics on the reverse side can be slightly in excess of those allowed on the face.
- 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. Minor damage to unseen edges such as the tongue is acceptable.
- To achieve a better finish quality to the boards' faces, 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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