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## GRADE & QUALITY DESCRIPTION

Cascadia

**GRADING CRITERIA** Western Red Cedar (*Thuja plicata*) Decking, Top and Lower Rail, and Cap Rail.

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**General Notes**

High-quality production.

Architect Knotty grade.

Kiln-dried to moisture content of 12-15% (+/- 2%).

PEFC Certified.

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

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**Knots** **Permitted**

Well interspersed sound tight (live / intergrown) knots limited to 64mm and 76mm in diameter on 40 x 90mm and 40 x 140mm respectively. Cracked knots are permitted.

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**Sap Wood** **Permitted**

Occasional.

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**Compression Wood** **Permitted**

Occasional.

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**Deformation (Warp)** **Permitted**

Boards with 'very light' curvature and twisting, as far as proper installation is ensured.

[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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**Wane**

**Not Permitted**

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**Stain**

**Permitted**

Occasional

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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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**Notes**

- Silva offers this information as a general guide to the main characteristics likely to be encountered in any shipment of Cascadia "Architect Knotty" Grade decking.
- Since no two pieces of timber are identical, complete uniformity throughout a shipment is impossible.

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- 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.

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