

WE DISCOVER  
YOU CREATE



## GRADE & QUALITY DESCRIPTION

ThermoWood®

**GRADING CRITERIA** Thermally Modified Nordic Pine (*Pinus sylvestris*) Cladding.

### General Notes

Graded to BS1186-3 Part 4 Class 2

Live knotted A/B grade European Redwood

Well manufactured live knotted wood fibre

Moisture content of 4-7% (50% RH) when packed at the production site. In outdoor use (20° Celsius, RH 85%) the equilibrium moisture content stabilizes at 10%.

PEFC Certified.

### Wood Fibre

Produced from high quality Nordic Pine grown in Finland, one of the best areas in the world for tree growth. Sub-zero winters alternate with short warm summers which results in slow growth to provide the best possible straight-grained timber.

### Knots

#### Permitted

Mostly sound tight (live / intergrown) knots typically between 10 and 30mm in diameter. Knots can be up to 35mm diameter on boards with a nominal thickness of up to 25mm and width of 115mm. This rises to 55mm on boards up to 25 x 225mm and 60mm for boards with a thickness of 50mm and width up to 150mm. Average of four knots per metre over total length of board (excluding pin knots).

### Shakes

#### Permitted

Occasional shakes permitted up to 25% of the length of a piece.

### Wane

#### Permitted

Occasional wane permitted up to 40% of the piece.

[www.silvatimber.co.uk](http://www.silvatimber.co.uk) | [enquiries@silvatimber.co.uk](mailto:enquiries@silvatimber.co.uk) | 0151 495 3111 | 020 8150 8055



Registered Office: Unit 4 Albright Road, Widnes, Cheshire, WA8 8FY  
Registered in England and Wales No: 4626406  
VAT Registration Number: 756 3271 21

WE DISCOVER  
YOU CREATE



**Deformation (Warp)**

**Permitted**

Boards with minor curvature and twisting, as far as proper installation is ensured.

---

**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**

The heat treatment process alters the colour of the wood to a warm brown colour consistent throughout the section of the piece. Colour can vary slightly between boards and within boards.

---

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

*Reference Paragraph: Nordic Softwood Grading Rules Blue Book.*

[www.silvatimber.co.uk](http://www.silvatimber.co.uk) | [enquiries@silvatimber.co.uk](mailto:enquiries@silvatimber.co.uk) | 0151 495 3111 | 020 8150 8055



Registered Office: Unit 4 Albright Road, Widnes, Cheshire, WA8 8FY  
Registered in England and Wales No: 4626406  
VAT Registration Number: 756 3271 21