

Thermowood Redwood

BOTANICAL NAME

Pinus sylvestris



OVERVIEW

Available Grades:-

Sawfalling excluding 6ths

International Timber sources this material from Finland. It is available with PEFC certification. Thermowood is produced by heat treating selected Scandinavian Pine (*Pinus sylvestris*) which changes the properties of the timber and turns a non-durable timber into a product with class 2 durability (BN EN 350). This thermal process enhances the chemical and physical properties of the timber providing many benefits which include greater stability, no toxic chemicals or additives, colour darkens to an attractive deep brown, and timber can be cut or trimmed without the need to treat the cut ends. Thermowood will weather over a period of time to a silver grey appearance in areas with low air pollution. Discolouration may occur in some situations.

Further Product Information

APPLICATIONS & USES

Cladding, Decking, Saunas

DIMENSIONS

Sawn Range PEFC (Thermowood Redwood)

- 25 x 100mm
- 25 x 125mm
- 25 x 150mm
- 32 x 125mm

- 38 x 150mm
- 50 x 100mm
- 50 x 150mm
- 50 x 200mm
- 75 x 150mm

Machined Range (Thermowood Redwood)

- 25 x 125mm â€“ IT19 M2 Pattern
- 25 x 125mm â€“ IT 191 Shiplap Pattern
- 25 x 150mm â€“ IT19 M2 Pattern

ENVIRONMENTAL CREDENTIALS

Certification

PEFC

Origin

Finland

TECHNICAL INFORMATION

Physical Structure

Non-structural, small sound knots

Durability

Class 2 – Durable

Moisture Content

6 – 8%

Working Qualities

Care should be taken with storage and machining as product can be brittle, follow Thermowood handbook guidelines

Supplied Finish

Rough Sawn or machined to profile

Wastage Allowance

15%

Stability

Stable – tangential movement 2 – 3mm

Fire Treatment

Thermowood Redwood can be fire treated, but due to its brittle nature, a 15% wastage factor on end splitting should be calculated

Coating

Due to stability paint manufacturers are happy to provide 3 year – 10 year warranties subject to conditions

Length

3m – 5.4m