

Pine/Redwood (*Pinus silvestris*)

Pine/Redwood (*Pinus silvestris*) grown under typical Swedish conditions produce trees with primarily long hollow fibres /cells which follow the longitudinal direction of the tree trunk.

The area where the tree has grown influences the size, spacing and number of knots. This key characteristic frequently determines the specific Export market and the end use of the product. Redwood trees see about 40% of the total volume being heartwood.

Swedish Sawn Redwood is ideal for:

- Furniture industry
- Internal finishing
- Construction applications
- Door and Window frames
- General carpentry

Facts Pine/Redwood (*Pinus silvestris*)

Moisture Content	12%	30%
Density kg/m ³	510	560
Tensile Strength MPa	104	60
Bending Strength MPa	87	50
Compression Strength MPa	46	25
Shear Strength MPa	10	8
Impact Strength kJ/m ²	70	90
Brinell Hardness	4	2.8
Modulus of Elasticity MPa	12,000	11,000
Thermal Conductivity W/m°C	0.26	0.32
Heat Capacity J/kg	1,650	2,000
Calorific Value MJ/Kg	17.3	14.6

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