

HARDWOODS AND HIGH QUALITY SOFTWOODS

# European Redwood



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What is European Redwood?

**European Redwood** timber (also referred to as Scandinavian Pine is imported from Sweden, Finland and Russia. The grades vary for different uses. Knots are common in the timber but their size and quality vary according to the part of the tree from which boards are converted. It should be noted that the timber is kilned prior to shipping but the moisture content is often about 18%, and therefore higher than most kiln dried hardwood moisture contents. The diameter of such pines normally result in board widths of 100mm - 225mm.

Edge-panels are imported in large volumes for pine furniture manufacturers, with lamination widths usually about 45mm.

**Latin name** Pinus sylvestris

**Also known as** Scots pine (UK), Baltic redwood, Finnish redwood, Archangel redwood, Russian redwood, Polish redwood, red deal, yellow deal.

**Introduction** "Scots pine" and "European redwood" are the trade names generally used in the UK to differentiate between homegrown and imported Pinus sylvestris.

**Environmental** not listed in CITES, available from well-managed sources.

**Distribution** widely distributed in Europe and northern Asia.



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It is found in the mountains of Spain and in the UK, especially in Scotland, at its westerly limits, in the north-west of Norway in the northerly direction, spreading east through northern Europe into Asia, and reaching the Verkhoyansk Range, while its extreme southerly point is in Spain, in the Sierra Nevada in Andalusia. It is found in the Maritime Alps in France, and in the eastern Pyrenees, and in the Caucasus and Transylvanian Alps. It is the only true pine indigenous to the British Isles, being native to Scotland and just over the border; elsewhere in the UK the forests are generally the result in planting.

**The Tree** is generally 30m high with a diameter of about 1m but larger trees may be found on favourable sites.

**The Timber** the sapwood is creamy-white to yellow in colour, narrow especially in northern environments, becoming wider in the southern areas and the heartwood is pale yellowish-brown to reddish-brown, resinous and usually distinct from the sapwood. The growth rings are clearly marked by the denser late-wood. The quality of the timber is affected by the conditions of growth, climate, soil elevation etc. more than most timbers because of its wide and varying distribution, and these factors affect the texture, density and size and number of knots. The weight of the dried timber is about 510 kg/m<sup>3</sup>.

**Strength and Durability** for its weight, European Redwood is strong and moderately hard, although UK plantation-grown timber is slightly softer and weaker than that from other sources. The timber is slightly durable.

**Physical Properties** in general, the timber works easily and well with both hand and machine tools, but ease of working and quality of finish is dependent upon the size, and number of knots and the degree of resin present.



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The wood is capable of a smooth, clean finish and can be glued, stained, varnished and painted satisfactorily, and takes nails and screws well.

Timbersource are a leading online softwood timber merchant in the UK, supplying European Redwood timber to the joinery, carpentry, construction, retail and building trade at competitive prices. To contact us, [Click Here](#).



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