



Durability:
Slightly durable

Treatability:
Moderately easy, Easy
(Sapwood).

Moisture Movement:
Small

Density (mean, Kg/m³):
420

Texture:
Fine

Availability:
Readily available at
timber merchant

Use(s):
Heavy structural use,
Joinery - Exterior, Joinery
- Interior

Colour(s):
White/cream

Environmental

Not listed in CITES. Believed available from well-managed sources. Check certification status with suppliers.

Distribution

In Canada it is found in Newfoundland and in eastern Canada from the Maritime Provinces to eastern Manitoba, but the commercial forests lie mainly in the area of the St Lawrence River. It reaches its best development in the Ottawa Valley in Ontario and Quebec. In the USA it is found south of the Great Lakes and along the Appalachian Mountains down to Northern Georgia.

The timber

The sapwood is almost white, and the heartwood varies from creamy-white to light straw-brown, or light reddish-brown. The wood is not particularly resinous, but resin ducts produce short, brown-coloured, thin lines on longitudinal surfaces. The grain is straight, and the texture is fine and even, planed surfaces have a satin-like appearance; the growth-rings are rather inconspicuous. The wood weighs about 420 kg/m³ when dried.

Drying

It dries readily and well, but suitable precautions should be taken to avoid sap-stain.

Strength

A soft, weak timber, which compared to European redwood is 45 per cent softer, 25 per cent less resistant to shock loads, 30 per cent weaker in bending and in compression along the grain, and 20 per cent less resistant to splitting, and less stiff.

Working qualities

Good - Works very easily, but the soft nature of the timber encourages crumbling under dull cutting edges, which must therefore be kept sharpened in order to obtain the best results. It takes glue, stains, polish, varnish and paint well, and can be screwed or nailed.

Also known as: yellow pine, southern pine, white pine (USA, Canada), northern pine (USA), Quebec yellow pine (UK), eastern white pine (USA, Canada), Weymouth pine (UK), northern white pine (USA, Canada)