

THE Pines

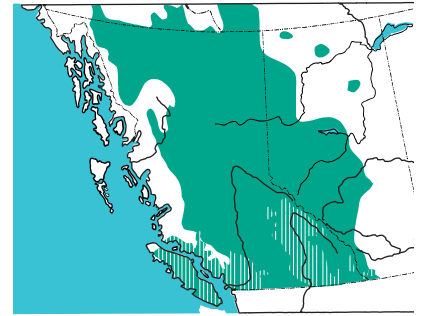


Western white pine



Lodgepole pine

The pines are widely distributed throughout Canada. In British Columbia, there are five western species, two of which, Lodgepole pine (*Pinus contorta*) and Western white pine (*Pinus monticola*), are commercially important. Lodgepole pine is found over most of British Columbia, in the southern part of the Yukon and on the eastern slope and foothills of the Rocky Mountains in Alberta. Western white pine grows in the southern coastal area of British Columbia, including Vancouver Island, and in the wet belts of the southern interior.



■ Lodgepole pine

▨ Western white pine



The Wood

The wood is light in color, ranging from cream to yellow to pale reddish-brown. It is straight-grained, non-porous with a fine and uniform texture.

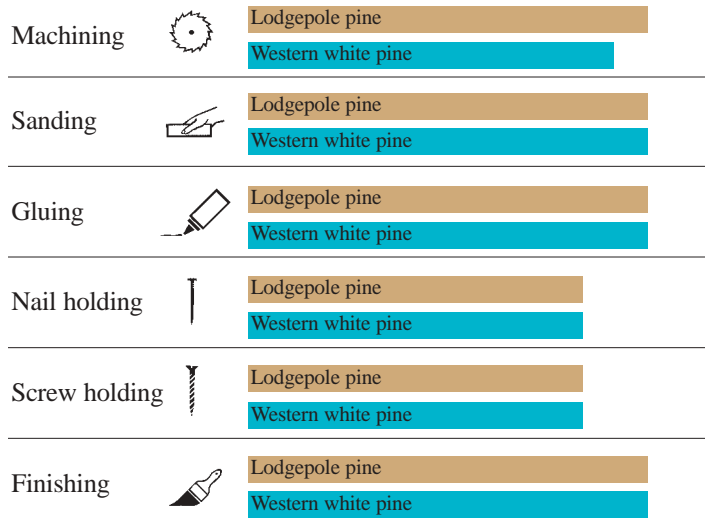
Physical properties

These species have similar properties. They are light in weight and of moderate to medium strength and hardness. The wood should be treated if used in situations favourable to decay.

Working properties

In general, the wood dries rapidly with small dimensional movement and little tendency to check. It is relatively easy to work, with good machining qualities. It turns, planes and shapes well and can be sanded to a smooth finish. The wood glues easily, has moderate nail and screw holding ability and takes a good finish.

POOR SATISFACTORY GOOD



Architectural moulding

Species	Density (air dry)	Specific Gravity (oven dry)	Modulus of Elasticity	Modulus of Rupture
Lodgepole pine	460 kg/m ³	0.46	10 900 MPa	70.6 MPa
Western white pine	420 kg/m ³	0.40	10 100 MPa	64.1 MPa



Traditional furniture

Commercial availability

Widely available in all domestic and export markets.

Principal uses

Interior panelling, shelving, cutstock, furniture components, millwork, window components, veneer, structural lumber, trusses.



Interior wall panelling



Contemporary bookcase



Window frames



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