

Maple

Pacific Coast Bigleaf Soft Maple (*Acer macrophyllum*)

Pacific Coast (PC) Maple lumber is widely used in furniture, cabinet, casework, flooring and specialty applications. Manufacturers appreciate PC Maple for its flexibility in both uses and finishes. The rare figured PC Maple lumber is prized for custom furniture and veneer applications.

TYPICAL MATURE SIZE

20" - 36" diameter
(500mm - 915mm)



50' - 90' tall
(15m - 27m)

OPTIMAL HARVEST AGE

40 - 50 years



COMMON USES



Instruments



Doors



Furniture



Joinery



Kitchen cabinets



Mouldings and turnings



Maple Grade Guide

Grade	Category	Lengths	Thicknesses
SEL Select & Better	Clear Appearance Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4, 10/4
SLC Select & Better Color	Clear Appearance Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4
1SH #1 Shop	Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4
1SC #1 Shop Color	Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4
1BS #1 & Better Skip	Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 8/4
2SH #2 Shop	Clear Cutting Boards	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4
FRA Standard Frame	Knotty Appearance Structural & Sound Cutting	6'1", 8'1", 8'3", 10'1"	4/4, 5/4
3SH #3 Shop	Structural & Sound Cutting	8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4
UTL Utility	Crating	6'1", 8'1", 8'3", 10'1"	4/4, 5/4, 6/4, 8/4

Workability*

PC Maple is well known for its working properties. It is moderately hard and of medium strength. It turns, planes and shapes well and can be sanded to a smooth finish.



*U.S. Department of Agriculture

Hardness of Maples Compared

PC Maple fits solidly into the hardness range of Eastern Soft Maple, both silver and red. It is hard enough for furniture and millwork applications but is on the low side of the acceptable range for flooring applications.

A common measurement of wood hardness is the Janka hardness test. The test measures the amount of force required to embed a .444" diameter steel ball halfway into the wood. The results for each of the maple species are shown in the table to the right.

JANKA HARDNESS SCALE

Silver Maple Acer saccharinum	700lb 3110N
PC Maple Acer macrophyllum	850lb 3780N
Red Maple Acer rubrum	950lb 4220N
Hard Maple Acer saccharum	1450lb 6450N



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