

Betula papyrifera

White Birch



FAS - Select



#1 Common



#2 Common



White Birch

Betula papyrifera

Colour	Sapwood is creamy white. Heartwood is pale brown.
Texture	Close grain, uniform, similar grain pattern as hard maple, although 25% softer.
Common applications	Furniture, flooring, mouldings, millwork, turnings, ice cream sticks.

		Hard Maple	Soft Maple	Yellow Birch	White Birch	Red Oak	White Oak	White Ash	Beech	Bass-wood	Aspen	Cherry	Walnut
PHYSICAL PROPERTIES	Specific gravity	0.659	0.545	0.608	0.571	0.612	0.676	0.613	0.667	0.417	0.408	0.551	0.594
	Density (kg/m ³)	740	610	670	640	690	750	690	750	460	450	610	660
	Hardness	7290	4380	5930	4320	6170	7130	7050	6490	2140	2140	4630	5910
	Bending strength (MPa)	115	97.6	106	94.8	98.7	121	108	116	60.8	67.6	87.1	103
	Stiffness (MPa)	14100	11100	14100	12900	11900	15500	12800	14000	9450	11200	11900	13100
WORKING PROPERTIES	Machinability	★★★★	★★★	★★★★	★★★	★★★★	★★	★★★	★★	★★★	★★	★★★★	★★
	Stability	★★	★★	★★	★★	★★★★	★★★★	★★★	★★	★★	★	★★	★★★★
	Gluing	★★	★★	★★	★★	★★	★★	★★	★★★★	★★★★	★★	★★★★	★★★★
	Sandability	★★★	★★	★★	★★	★★	★★	★	★★★★	★★	★	★★★★	★★★
	Nailability	★★	★	★★	★★	★★★★	★	★★	★	★	★	★	★
	Paintability	★★	★★	★★	★★	★★	★★	★★★★	★★	★★★★	★★	★★	★★
	Stainability	★★	★★★	★★★	★★★	★★★	★★	★★	★★	★★	★★	★★	★★

EXCELLENT: ★★★★★ VERY GOOD: ★★★★ GOOD: ★★★ FAIR: ★

STANDARD DIMENSIONS AVAILABLE			
	FAS - Select	#1 Common	#2 Common
Width (random)	4" (100 mm) and up	3" (76,2 mm) and up	3" (76,2 mm) and up
Length (random)	6' (1,83 m) and up	4' (1,22 m) and up	4' (1,22 m) and up
Thickness	4/4" (25,4 mm); 5/4" (31,75 mm); 6/4" (38,1 mm); 8/4" (50,8 mm); 10/4" (63,5 mm); 12/4" (76,2 mm)		

Colour pictures shown: 8' (2.44 m).

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