

# YELLOW BIRCH

Betula alleghaniensis



FAS-Select



#1 Comune



#2 Comune



# YELLOW BIRCH

# Betula alleghaniensis

<b>Colour</b>	Sapwood is creamy white to light yellow. Heartwood is reddish brown.
<b>Texture</b>	Close grain, uniform, similar grain pattern as hard maple, although 25% softer.
<b>Common applications</b>	Furniture, flooring, moulding, millwork, cabinetry, dowels, turnings.

	Hard maple	Soft Maple	Yellow Birch	White Birch	Red Oak	White Oak	White Ash	Beech	Basswood	Red Elm	Cherry	Walnut
	Acer saccharum	Acer rubrum	Betula alleghaniensis	Betula papyrifera	Quercus rubra	Quercus alba	Fraxinus americana	Fagus grandifolia	Tilia americana	Ulmus rubra	Prunus serotina	Juglans cinerea
<b>PHYSICAL PROPERTIES</b>												
Specific gravity	0,659	0,545	0,608	0,571	0,612	0,676	0,613	0,667	0,417	0,53	0,551	0,594
Density (Kg/m <sup>3</sup> )	740	610	670	640	690	750	690	750	460	593	610	660
Hardness	7290	4380	5930	4320	6170	7130	7050	6490	2140	3825	4630	5910
Bending strength (Mpa)	115	97,6	106	94,8	98,7	121	108	116	60,8	89,635	87,1	103
Stiffness (Mpa)	14100	11100	14100	12900	1900	15500	12800	14000	9450	10274	11900	13100
<b>WORKING PROPERTIES</b>												
Machinability	★★★★	★★★	★★★★	★★★	★★★★	★★	★★★	★★	★★★	★★	★★★★	★★
Stability	★★	★★	★★	★★	★★★★	★★★★	★★★	★★	★★	★★	★★	★★★★
Gluing	★★	★★	★★	★★	★★	★★	★★	★★★★	★★★★	★★★★	★★★★	★★★★
Sandability	★★	★★	★★	★★	★★	★★	★	★★★★	★★	★★★★	★★★★	★★★★
Nailability	★★★★	★	★★	★★	★★★★	★	★★	★	★	★★★★	★	★
Paintability	★★	★★	★★	★★	★★	★★	★★★★	★★	★★★★	★★★★	★★	★★
Stainability	★★	★★★★	★★★★	★★★★	★★	★★	★★	★★	★★	★★★★	★★★★	★★

Excellent: ★★★★★    Very good: ★★★★    Good: ★★★    Fair: ★★

Standard dimensions available			
	FAS - Select	#1 comune	#2 comune
<b>Width (random)</b>	4" (100 mm) and up	3" (76,2 mm) and up	3" (76,2 mm) and up
<b>Length (random)</b>	6' (1,83 m) and up	4' (1,22 m) and up	4' (1,22 m) and up
<b>Thickness</b>	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)		



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