



# Eastern White Pine

*Pinus strobus*

## for millwork applications

The Eastern White Pine, a species native to Quebec, is the tallest conifer in eastern Canada. Its wood is the least resinous of all pines. It is a fast-growing tree, sometimes reaching heights of 90 metres and diameters of 250 centimetres. With its uniform tex-

ture, Eastern White Pine is used for mouldings, cabinetwork, doors, windows, siding, panelling post and beam construction and do-it-yourself (DIY) projects. Its wood is tender and ranges from creamy white to yellow. It is valued for its fine grain and workability.

Select	No. 1 and 2 Common	No. 3 Common

# Eastern White Pine

for millwork applications

*Pinus strobus*

<b>Colour</b>	The sapwood is white or creamy white whereas the hardwood ranges from pale yellow to pale or reddish brown.
<b>Texture</b>	The wood grain is generally regular. Its texture is medium and uniform.
<b>Common usage</b>	<b>Select:</b> Superior quality. Interior decorating, furniture, mouldings and cabinetry. <b>No. 1 and 2 Common:</b> Grade that highlights sound and tight knots and wood that is naturally light in colour. Panelling, framing, edge trim, soffit, doors, windows, post, beam construction and DIY market. <b>No. 3 Common:</b> Useful and of good appearance despite slight defects. Shelves, panelling, exterior use and siding.

		Eastern White Pine	Red Pine	Jack Pine	Scots Pine	Southern Yellow Pine	Suger maple	Yellow Birch
		<i>Pinus Strobus</i>	<i>Pinus resinosa</i>	<i>Pinus banksiana</i>	<i>Pinus sylvestris</i>	<i>Pinus palustris</i>	<i>Acer saccharum</i>	<i>Betula alleghaniensis</i>
<b>Physical Properties</b>	<b>Density (kg/m<sup>3</sup>)</b>	368 <sup>1</sup>	401 <sup>1</sup>	444 <sup>1</sup>	512 <sup>2</sup>	657 <sup>2</sup>	659 <sup>1</sup>	608 <sup>1</sup>
	<b>Modulus of rupture (kiln-dried) MOR (Mpa)</b>	65 <sup>1</sup>	70 <sup>1</sup>	78 <sup>1</sup>	84 <sup>2</sup>	97 <sup>2</sup>	115 <sup>1</sup>	106 <sup>1</sup>
	<b>Modulus of elasticity MOE (Mpa)</b>	9380 <sup>1</sup>	9450 <sup>1</sup>	10200 <sup>1</sup>	10100 <sup>2</sup>	13500 <sup>2</sup>	14100 <sup>1</sup>	14100
	<b>Hardness Jenka (N)</b>	1650 <sup>1</sup>	2120 <sup>1</sup>	2560 <sup>1</sup>	N/A	N/A	7290 <sup>1</sup>	5930 <sup>1</sup>
	<b>Dimensional shrinkage</b>	8 %	11 %	10 %	7 %	12 %	14 %	17 %
<b>Working Properties</b>	<b>Machinability</b>	★★★★	★★★	★★★	★★	★★★	★★★★	★★★★
	<b>Stability</b>	★★			★★★	★★	★★	★★
	<b>Gluing</b>	★★★★	★★	★★★★	★★★★	★★★★	★★	★★
	<b>Nailability</b>	★★	★★★★	★★★	★★★	★★★	★★	★★
	<b>Mortising</b>	★★	★★	★★	★★	★★★	★★★	★★
	<b>Turning</b>	★★★★	★★	★★★	★★	★★★	★★	★★
	<b>Planing</b>	★★★★	★★★	★★	★★★	★★★	★★★	★★
	<b>Sandability</b>	★★	★★★	★★★	★★	★★★	★★★	★★
	<b>Paintability</b>	★★★★	★★	★★★	★★	★★	★★	★★
	<b>Stainability</b>	★★★★	★★★	★★★	★★	★★	★★	★★★

Excellent: ★★★★★ Very good: ★★★★ good: ★★★ Fair: ★ N/A: Not available

1. Jessome, A.P., *Strength and Related Properties of Woods Grown in Canada*, Forintek Canada Corp., 1995. 2. *The Wood Explorer*, Version 1.0, 2001-2002.

Standard dimensions available*	
Grades	Select; No. 1 and 2 Common; No. 3 Common
Nominal <sup>1</sup> thickness in inches (millimetres)	4/4", 5/4", 6/4", 7/4", 8/4" (25 mm; 32 mm; 38 mm; 45 mm; 51 mm)
Net <sup>2</sup> thickness in inches (millimetres)	3/4", 1 1/8", 1 3/8", 1 3/4" (19 mm; 29 mm; 35 mm; 44.4 cm)
Nominal <sup>1</sup> width in inches (millimetres)	2", 3", 4", 5", 6", 8", 10" (51 mm; 72 mm; 100 mm; 127 mm; 152 mm; 203 mm; 254 mm)
Net <sup>2</sup> width in inches (millimetres)	1 1/2", 2 1/2", 3 1/2", 4 1/2", 5 1/2", 7 1/4", 9 1/4" (38 mm; 64 mm; 89 mm; 114 mm; 140 mm; 184 mm; 235 mm)
Length in feet (metres)	6', 7', 8', 10', 12', 14', 16' (1.83 m; 2.13 m; 3.05 m; 3.66 m; 4.27 m; 4.88 m)
Post and Beams	From 4 x 4" up to 12 x 12" and larger

Comparison of pine grades	
NLGA Eastern White Pine	NeLMA Eastern White Pine
Select	D and better Select
No. 1 Common	Finish
No. 2 Common	Premium
No. 3 Common	Standard
No. 4 Common	Industrial
No. 5 Common	

NLGA: National Lumber Grades Authority  
NeLMA: North East Lumber Manufacturers Association



Canada Wood  
Produits de bois canadien



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Québec (Québec)  
Canada G1W 2L4

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\* Other dimensions and grades produced are available upon request  
1. Nominal: rough lumber 2. Net: lumber planed on four sides