



Simple. Natural. Hardwoods®

WHITE OAK

Scientific Name: Quercus Alba

White Oak, a robust hardwood from the Eastern U.S., is valued for its durability and versatile beauty. Known for its tactile grain and distinctive “flecking” in rift-sawn pieces, it is a top choice for architectural elements and fine furniture. Over time, it develops a patina that underscores its long-lasting appeal and design versatility.

The wood’s varied hues, from light sapwood to medium brown heartwood, and ray fleck patterns, make each piece unique. White Oak is adaptable in its uses, from traditional furniture and flooring to modern designs and even outdoor settings, thanks to its moisture and decay resistance—qualities that also make it ideal for making whiskey barrels (staves).

What’s White Oak Used For?

- Flooring
- Cabinetry
- Furniture
- Millwork
- Mine Timbers
- Ships
- Caskets
- Whiskey Barrels



Why White Oak?

- Patina with age
- Strong grain texture
- Long-lasting hardness
- Resists moisture
- Uniform, versatile design
- Timeless finish

Quick Fact

White Oak is perfect for whiskey barrels and boat transoms thanks to its tyloses, structures inside the wood’s vessels, blocking them and making it watertight and resistant to rot.



Learn More



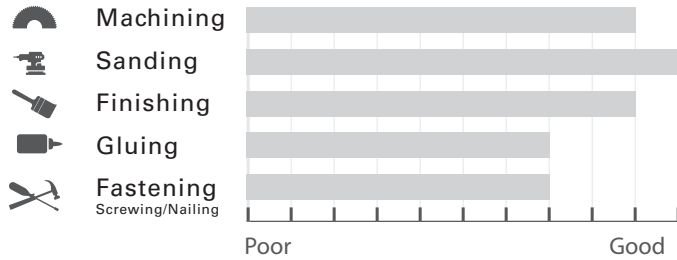
The mark of responsible forestry





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Weight per Bdft: 3.94
Specific Gravity (Density): 0.68
Hardness (Janka): 1350
Bending Strength (MOR): 14830
Bending Stiffness (MOE): 1762
Dimensional Movement (Shrinkage): R 5.6%, T 10.5%



Grades We Offer



Prime



#1 Common



Rustic



#2A

North American Hardwood Species Comparison Chart

Lumber (12% Moisture Content)	Machining	Sanding	Finishing	Gluing	Fastening Nailing/ Screwing	Weight per bdft	Specific Gravity (Density)	Hardness (Janka)	Bending Strength (MOR)	Bending Stiffness (MOE)	Dimensional Movement (Shrinkage)	
											R (%)	T (%)
Alder	10	10	10	9	7	2.45	.41	590	9800	1380	4.4	7.3
Ash	9	10	9	8	6	3.56	.61	1320	15000	1740	4.9	7.8
Basswood	10	10	9	8	8	2.50	.37	410	8700	1460	6.6	9.3
Birch	10	8	10	8	2	3.53	.62	1260	16600	2010	7.3	9.5
Cherry	10	9	10	9	7	3.07	.52	950	12300	1490	3.7	7.1
Hickory	3	7	7	3	3	4.14	.67	1820	13700	1730	4.9	8.9
Hard Maple	9	8	10	9	4	3.73	.64	1450	15800	1830	4.8	9.9
PC Maple	9	9	10	9	5	2.74	.50	850	10700	1450	3.7	7.1
Soft Maple	8	9	10	9	5	3.19	.55	950	13400	1640	4.0	8.2
Red Oak (Northern)	10	10	9	9	7	3.64	.63	1220	14380	1761	4.0	8.6
White Oak	9	10	9	7	7	3.94	.68	1350	14380	1762	4.4	8.8
Poplar	9	8	10	9	6	2.81	.43	540	10100	1580	4.6	8.2
Walnut	9	8	9	7	7	3.36	.56	1010	14600	1680	5.5	7.8