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


© Crystal Cabinets


© Hartville Hardware


© Fusion Designs


© Somerset Flooring

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

FSC www.fsc.org FSC® C110647 The mark of responsible forestry

PEFC PEFC/29-31-245 Promoting Sustainable Forest Management www.pefc.org

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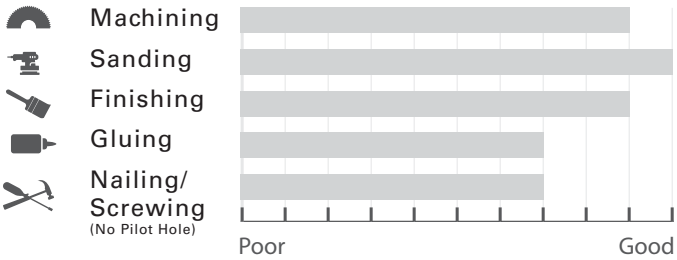


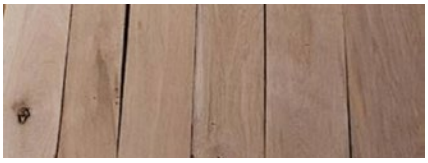
Weight per Bdft: 3.94
Specific Gravity (Density): 0.68
Hardness (Janka): 1350
Bending Strength (MOR): 14830
Bending Stiffness (million psi) (MOE): 1.762
Dimensional Movement (Shrinkage): R 5.6%, T 10.5%
T/R Ratio (Stability): 2.0

Grades We Offer

Prime

#1 Common

Rustic



#2A

North American Hardwood Species Comparison Chart

Lumber (12% Moisture Content)	Machining	Sanding	Finishing	Gluing	Nailing/ Screwing (No Pilot Hole)	Weight per bdft	Specific Gravity (Density)	Hardness (Janka)	Bending Strength (MOR)	Bending Stiffness (million psi) (MOE)	Dimensional Movement (Shrinkage)		T/R Ratio (Stability)
											R (%)	T (%)	
Alder	10	10	10	9	7	2.45	.41	590	9800	1.380	4.4	7.3	1.7
Ash	9	10	9	8	6	3.56	.61	1320	15000	1.740	4.9	7.8	1.6
Basswood	10	10	9	8	8	2.50	.37	410	8700	1.460	6.6	9.3	1.4
Cherry	10	9	10	9	7	3.07	.52	950	12300	1.490	3.7	7.1	2.2
Hickory	3	7	7	3	3	4.14	.67	1820	13700	1.730	4.9	8.9	1.9
Hard Maple	9	8	10	9	4	3.73	.64	1450	15800	1.830	4.8	9.9	2.1
PC Maple	9	9	10	9	5	2.74	.50	850	10700	1.450	3.7	7.1	1.9
Soft Maple	8	9	10	9	5	3.19	.55	950	13400	1.640	4.0	8.2	2.1
Red Oak (Northern)	10	10	9	9	7	3.64	.63	1220	14380	1.761	4.0	8.6	2.2
Oregon White Oak	9	9	9	8	8	4.34	0.72	1640	10200	1.090	4.2	9.0	2.1
White Oak (Eastern)	9	10	9	7	7	3.94	.68	1350	14380	1.762	4.4	8.8	2.0
Poplar	9	8	10	9	6	2.81	.43	540	10100	1.580	4.6	8.2	1.8
Walnut	9	8	9	7	7	3.36	.56	1010	14600	1.680	5.5	7.8	1.4
Yellow Birch	10	8	10	8	2	3.53	.62	1260	16600	2.010	7.3	9.5	1.3