



Simple. Natural. Hardwoods®

# RED OAK

Scientific Name: Quercus Rubra

Red Oak, sourced from the Glacial and Appalachian regions, stands out for its robust strength and enduring durability. With its striking grain and versatile color palette, ranging from light creamy pink to warm reddish-brown, Red Oak is ideal for flooring, furniture, cabinetry, and millwork.

Red Oak's renowned for its hardness and wear resistance, suited to high-traffic floors and structural applications. The wood's excellent staining qualities enable it to seamlessly fit into a variety of decor themes. NWH ensures superior quality by kiln drying Red Oak, providing a level of consistency that elevates it beyond standard offerings, making it a preferred choice for diverse projects and applications.

## What's Red Oak Used For?

- Cabinetry
- Furniture
- Flooring
- Joinery
- Architectural Millwork
- Paneling
- Caskets



## Why Red Oak?

- Natural high-contrast grain
- Heavy-duty durability
- Dense hardness
- Varied color finishes

## Quick Fact

Fast-grown Red Oak, with wide growth rings, is heavier than slow-grown Red Oak. NWH offers select Red Oak color sorts to produce applications with beautiful, uniform color tones.



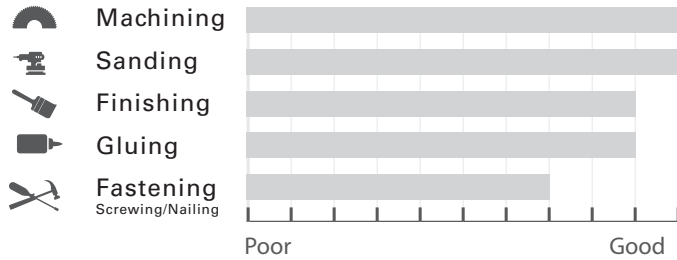
Learn More





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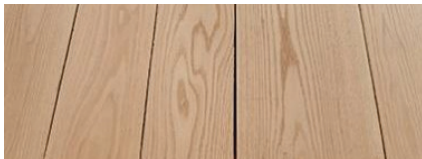
## Red Oak



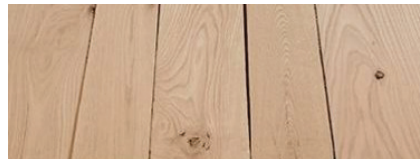
Weight per Bdft: 3.64  
 Specific Gravity (Density): 0.63  
 Hardness (Janka): 1220  
 Bending Strength (MOR): 14380  
 Bending Stiffness (MOE): 1761  
 Dimensional Movement (Shrinkage): R 4.0%, T 8.6%



## Grades We Offer



Prime



#1 Common



#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
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
Oregon White Oak	9	9	9	8	8	4.34	0.72	1640	10200	1090	4.2	9.0
White Oak (Eastern)	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
Yellow Birch	10	8	10	8	2	3.53	.62	1260	16600	2010	7.3	9.5