# **TECHNICAL BULLETIN**



# BASSWOOD

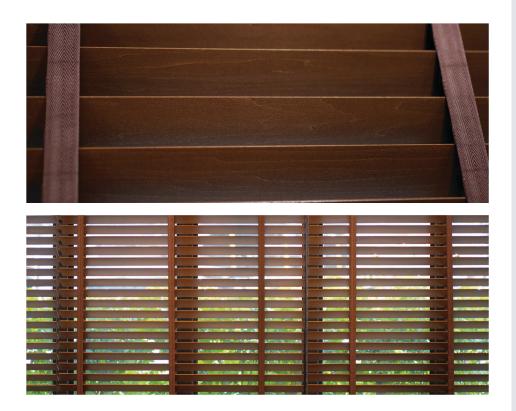
Scientific Name: Tilia Americana

Basswood is a lightweight, easily worked hardwood from the Glacial region, renowned for its smooth texture and even grain, which make it excellent for carving and detail work. Its pale, consistent coloring ensures a uniform appearance across a variety of specialized applications.

With its fine texture and stability, Basswood is suited for hand-carved items and precision models, resisting splitting while offering a neutral canvas for high-quality finishes. This versatile wood is widely used for musical instruments, blinds, shutters, and ornamental mouldings.

#### What's Basswood Used For?

- Furniture
- Mouldings
- Shutters
- Blinds
- Boxes/Crates
- Packing Material
- Musical Instruments
- Toys
- Drawer sides





## Why Basswood?

- Workable and very lightweight
- Carving, turnings and detail-friendly
- Consistent smooth texture •
- Reliable for paint and staining
- Economical to ship due to light weight

# **Quick Fact**

Basswood's softness enables easy chopping, ripping, and shaping, making it a popular choice for detailed woodworking.





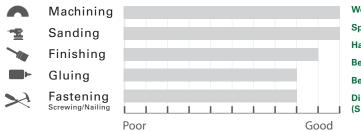




The mark of responsible forestry



## Basswood



Weight per Bdft: 2.50 Specific Gravity (Density): 0.37 Hardness (Janka): 410 Bending Strength (MOR): 8700 Bending Stiffness (MOE): 1460 Dimensional Movement (Shrinkage): R 6.6%, T 9.3%



# **Grades We Offer**



Prime

#1 Common



#2A

### North American Hardwood Species Comparison Chart

Lumber (12% Moisture Content)	Machining	Sanding	Finishing	Gluing	<b>Fastening</b> Nailing/ Screwing	<b>Weight</b> per bdft	<b>Specific</b> Gravity (Density)	<b>Hardness</b> (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