



Simple. Natural. Hardwoods®

# HARD MAPLE

Scientific Name: Acer Saccharum

Hard Maple is a highly regarded hardwood from both the Glacial and Appalachian regions, renowned for its hardness, strength, and the light-reflecting beauty of its fine grain. Its pale, creamy hue, occasionally tinged with reddish-brown, contributes to a clean, uniform aesthetic.

Hard Maple is valued for its exceptional durability and shock resistance, well-suited for high-traffic flooring, cabinetry, and various sporting venues including basketball courts and bowling alleys. Its fine grain takes a high polish and stains to emulate pricier woods, offering design flexibility across budgets. Available in various thicknesses and grades, it's a favored choice for both bespoke craftsmanship and manufacturing.

## What's Hard Maple Used For?

- Flooring
- Cabinetry
- Furniture
- Paneling
- Tool Handles
- Cutting Blocks
- Sports Flooring
- Bowling Pins
- Baseball Bats



## Why Hard Maple?

- Fine texture and straight grain
- Beautiful with a clear finish
- Hard and durable
- Dent-resistant longevity
- Stable workability
- Easy to finish

## Quick Fact

Hard Maple's fine grain and ability to absorb stains uniformly allow it to replicate the appearance of more expensive woods, offering aesthetic versatility for upscale designs at a more accessible cost.



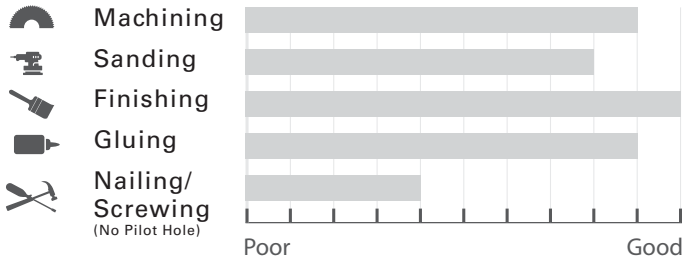
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## Hard Maple



**Weight per Bdft:** 3.73  
**Specific Gravity (Density):** 0.64  
**Hardness (Janka):** 1450  
**Bending Strength (MOR):** 15800  
**Bending Stiffness (million psi) (MOE):** 1.830  
**Dimensional Movement (Shrinkage):** R 4.8%, T 9.9%  
**T/R Ratio (Stability):** 2.1



## Grades We Offer



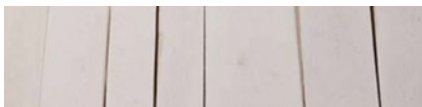
Superior White



Select White



Superior Brown



CAB White



CAB Brown



Rustic



#2A White

## North American Hardwood Species Comparison Chart

| Lumber<br>(12% Moisture<br>Content) | Machining | Sanding | Finishing | Gluing | Nailing/<br>Screwing<br>(No Pilot Hole) | Weight<br>per bdft | Specific<br>Gravity<br>(Density) | Hardness<br>(Janka) | Bending<br>Strength<br>(MOR) | Bending<br>Stiffness<br>(million psi)<br>(MOE) | Dimensional<br>Movement<br>(Shrinkage) |       | T/R Ratio<br>(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                      |