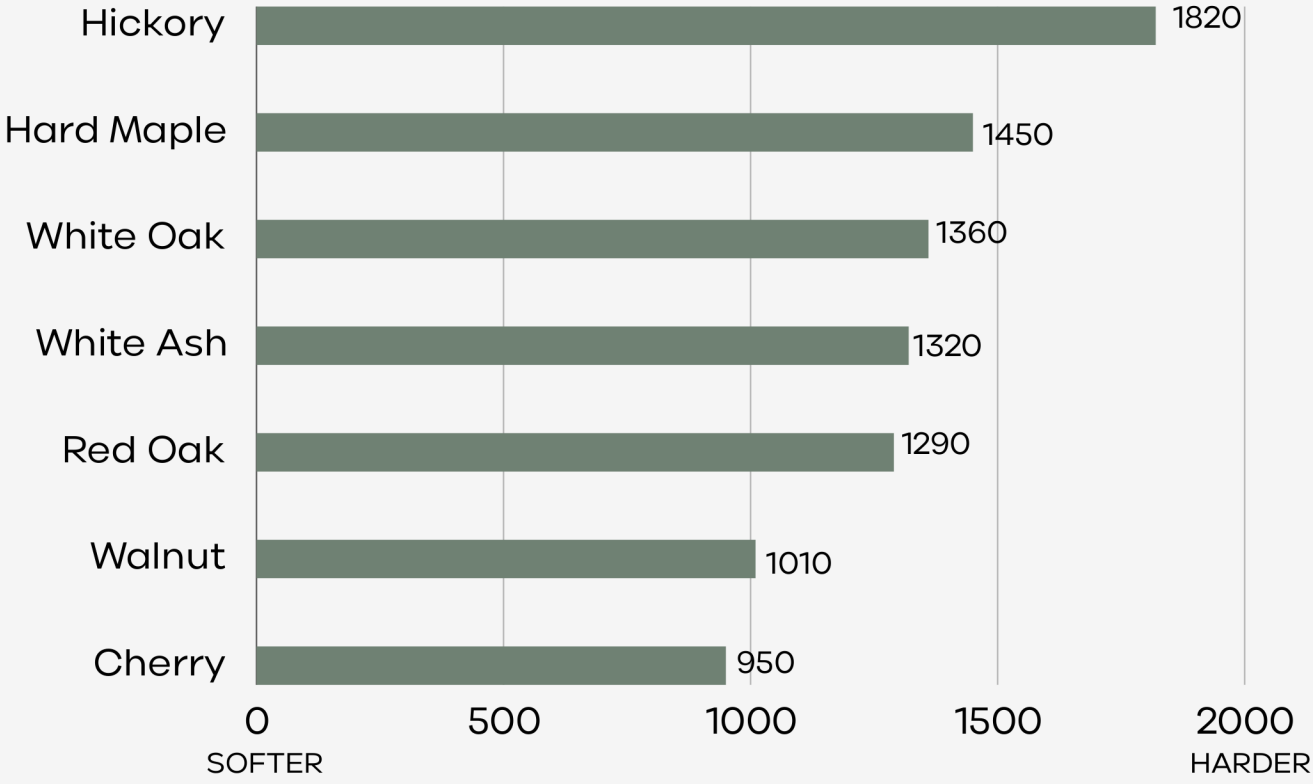
WOOD HARDNESS & STABILITY

breezewood

JANKA WOOD HARDNESS

An important consideration when choosing your hardwood flooring is the relative hardness of the wood. A wood's hardness is determined by the Janka Hardness Test, which measures the force required to drive a .444 inch steel ball into the wood to a depth of half the ball's diameter (taken with the wood at a 12% moisture content). Results are measured in Pounds of Force Per Square Inch. The higher the number, the harder the wood.

JANKA WOOD HARDNESS



WOOD STABILITY

Stability refers to how much an installed wood floor expands and contracts in relationship to the changes in humidity and temperature. Hardwood stability is charged as a comparison between species. Hardwood species with greater stability react less to moisture changes within the environment.

WOOD STABILITY

Hickory | Red Oak | White Oak | Hard Maple | Walnut & White Ash | Cherry

Less Stable

More Stable

Source: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory and the Center for Wood Anatomy & Janka Hardness Scale