

Coast To Coast



COAST TO COAST FLOORING DISTRIBUTORS

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Janka Hardness Scale For Wood Flooring Species

The Janka hardness test is a measurement of the force necessary to embed a .444-inch steel ball to half its diameter in wood. It is the industry standard for gauging the ability of various species to tolerate denting and normal wear, as well as being a good indication of the effort required to either nail or saw the particular wood.

Please note that this is just a partial list containing some of the most popular choices in wood flooring as well as some of the more exotic species we carry.

Wood Flooring Species	Hardness	Wood Flooring Species	Hardness
Ipe / Brazilian Walnut / Lapacho*	3684	Coffee Bean	1390
Ebony	3220	Natural Bamboo (represents one species)	1380
Brazilian Redwood / Paraju	3190	Australian Cypress*	1375
Angelim Pedra	3040	White Oak	1360
Bloodwood	2900	Tasmanian Oak	1350
Red Mahogany, Turpentine	2697	Ribbon Gum	1349
Spotted Gum	2473	Ash (White)	1320
Brazilian Cherry / Jatoba*	2350	American Beech*	1300
Mesquite	2345	Red Oak (Northern)*	1290
Santos Mahogany, Bocote, Cabreuva*	2200	Carribean Heart Pine	1280
Pradoo	2170	Yellow Birch*	1260
Brushbox	2135	Movingui	1230
Karri	2030	Heart Pine	1225
Sydney Blue Gum	2023	Carbonized Bamboo (represents one species)	1180
Bubinga*	1980	Cocobolo	1136
Cameron	1940	Brazilian Eucalyptus / Rose Gum	1125
Tallowood	1933	Makore	1100
Amendoim	1912	Boreal	1023
Jarrah	1910	Black Walnut*	1010
Purpleheart	1860	Teak*	1000
Goncalo Alves / Tigerwood	1850	Sakura	995
Hickory / Pecan, Satinwood*	1820	Black Cherry, Imbuia	950
Afzelia / Doussie*	1810	Boire	940
Bangkirai	1798	Paper Birch	910
Rosewood	1780	Cedar	900
African Padauk*	1725	Southern Yellow Pine (Longleaf)*	870
Blackwood	1720	Lacewood, Leopardwood	840
Merbau*	1712	Cumaru	790
Kempas*	1710	Parana	780
Locust	1700	Sycamore	770
Highland Beech	1686	Shedua	710
Wenge, Red Pine*	1630	Southern Yellow Pine (Loblolly and Shortleaf)	690
Tualang	1624	Douglas Fir	660
Zebrawood	1575	Larch	590
True Pine, Timborana	1570	Chestnut	540
Peroba	1557	Hemlock	500
Kambala	1540	White Pine	420
Sapele / Sapelli*	1510	Basswood	410
Curupixa	1490	Eastern White Pine	380
Sweet Birch	1470		
Hard Maple / Sugar Maple*	1450		

* = Engineered hardwood floors available from Coast to Coast