

# MILLWORKS

## RELATIVE HARDNESS TEST

These ratings were done using the Janka Hardness Test. The higher the number, the harder the wood. This is only a guide. The construction and finish also play an important role in the durability and ease of maintenance with any wood floor.

Chestnut, American	540	Wenge	1630
Alder (Red)	590	Padouk, African	1750
Douglas Fir	660	Angelim, (Para)	1720
Southern Yellow Pine, American	690	Doussie	1770
Parana-Pine	780	Rosewood, Bolivian	1780
Mahogany (True), Honduras	800	Hickory	1820
Larch	800	Pecan	1820
Mahogany, African, Khaya	845	Yellowheart	1820
Cherry (Black) American	950	Kempas	1854
Cherry, African, Makore	1010	Amendoim	1912
Walnut, American	1010	Merbau	1925
Magnolia (Southern)	1020	Sydney Blue, Australian	2023
Andiroba	1130	Purpleheart	2090
Santa Maria	1150	Sucupira	2140
Teak, True	1155	Tigerwood	2160
Tiete Chestnut	1155	Goncalo Alves	2160
Bamboo (Carbonized/Dark)	1180	Lyptus	2000
Heart Pine	1225	Mahogany, Santos	2200
Yellow Birch	1260	Rosewood	1750-2200
Iroko	1260	Mesquite	2345
Red Oak, Northern	1290	Patagonian Rosewood	2800
Walnut, African, Mansonia	1290	Patagonian Cherry	2800
Angelique Teak	1290	Brazilian Cherry	2820
Beech, American	1320	Angico	2820
Ash, American	1320	Brazilian Paraju (Bloodwood)	2900
White Oak, American	1360	Angelim	3040
Cypress, Australian	1375	Lapacho	3060
Bamboo (Natural)	1380	Massanranduba	3190
Hard Maple, American	1450	Tiete Rosewood	3280
Red River Gum	1450	Cumaru, Brazilian (So. Am. Chestnut)	3540
Tauari (Brazilian Oak)	1460	Macchiato Pecan	3540
Brazilian Maple	1500	Brazilian Hickory	3540
Mahogany (Sapele) African	1510	Walnut, Brazilian (Ipe)	3680
Timborana	1570	Curupay	3840