**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.

For a detailed description of a particular species, click on its name to view a wood flooring specification page on that type of wood.

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| **Wood Flooring Species** | **Hardness** |
| [Ipe](http://www.countyfloors.com/species_ipe.html) / [Brazilian Walnut](http://www.countyfloors.com/species_ipe.html) /  [Lapacho](http://www.countyfloors.com/species_lapacho.html) | 3684 |
| [Cumaru](http://www.countyfloors.com/species_cumaru.html) / [Brazilian Teak](http://www.countyfloors.com/species_cumaru.html) | 3540 |
| [Ebony](http://www.countyfloors.com/species_ebony.html) | 3220 |
| [Brazilian Redwood](http://www.countyfloors.com/species_br_redwood.html) / [Paraju](http://www.countyfloors.com/species_paraju.html) | 3190 |
| [Angelim Pedra](http://www.countyfloors.com/species_angelimpedra.html) | 3040 |
| [Bloodwood](http://www.countyfloors.com/species_bloodwood.html) | 2900 |
| [Red Mahogany](http://www.countyfloors.com/species_redmahogany.html), [Turpentine](http://www.countyfloors.com/species_turpentine.html) | 2697 |
| [Spotted Gum](http://www.countyfloors.com/species_spottedgum.html) | 2473 |
| [Brazilian Cherry](http://www.countyfloors.com/species_jatoba.html)  / [Jatoba](http://www.countyfloors.com/species_jatoba.html) | 2350 |
| Mesquite | 2345 |
| [Santos Mahogany](http://www.countyfloors.com/species_mahogany.html), [Bocote](http://www.countyfloors.com/species_bocote.html), [Cabreuva](http://www.countyfloors.com/species_cabreuva.html) | 2200 |
| [Pradoo](http://www.countyfloors.com/species_pradoo.html) | 2170 |
| [Brushbox](http://www.countyfloors.com/species_brushbox.html) | 2135 |
| [Karri](http://www.countyfloors.com/species_karri.html) | 2030 |
| [Sydney Blue Gum](http://www.countyfloors.com/species_sydneyblue.html) | 2023 |
| [Bubinga](http://www.countyfloors.com/species_bubinga.html) | 1980 |
| [Cameron](http://www.countyfloors.com/species_cameron.html) | 1940 |
| [Tallowwood](http://www.countyfloors.com/species_tallowwood.html) | 1933 |
| [Merbau](http://www.countyfloors.com/species_merbau.html) | 1925 |
| [Amendoim](http://www.countyfloors.com/species_amendoim.html) | 1912 |
| [Jarrah](http://www.countyfloors.com/species_jarrah.html) | 1910 |
| [Purpleheart](http://www.countyfloors.com/species_purpleheart.html) | 1860 |
| [Goncalo Alves](http://www.countyfloors.com/species_goncalo.html) / [Tigerwood](http://www.countyfloors.com/species_tigerwood.html) | 1850 |
| [Hickory](http://www.countyfloors.com/species_hickory.html) / [Pecan](http://www.countyfloors.com/species_pecan.html), [Satinwood](http://www.countyfloors.com/species_satinwood.html) | 1820 |
| [Afzelia](http://www.countyfloors.com/species_afzelia.html) / [Doussie](http://www.countyfloors.com/species_doussie.html) | 1810 |
| [Bangkirai](http://www.countyfloors.com/species_bangkirai.html) | 1798 |
| [Rosewood](http://www.countyfloors.com/species_rosewood.html) | 1780 |
| [African Padauk](http://www.countyfloors.com/species_padauk.html) | 1725 |
| [Blackwood](http://www.countyfloors.com/species_blackwood.html) | 1720 |
| [Merbau](http://www.countyfloors.com/species_merbau.html) | 1712 |
| [Kempas](http://www.countyfloors.com/species_kempas.html) | 1710 |
| [Locust](http://www.countyfloors.com/species_locust.html) | 1700 |
| [Highland Beech](http://www.countyfloors.com/species_highlandbeech.html) | 1686 |
| [Wenge](http://www.countyfloors.com/species_wenge.html), [Red Pine](http://www.countyfloors.com/species_pine.html) | 1630 |
| [Tualang](http://www.countyfloors.com/species_tualang.html) | 1624 |
| [Zebrawood](http://www.countyfloors.com/species_zebrawood.html) | 1575 |
| [True Pine](http://www.countyfloors.com/species_pine.html), [Timborana](http://www.countyfloors.com/species_timborana.html) | 1570 |
| [Peroba](http://www.countyfloors.com/species_peroba.html) | 1557 |
| [Kambala](http://www.countyfloors.com/species_kambala.html) | 1540 |
| [Sapele](http://www.countyfloors.com/species_sapele.html) / [Sapelli](http://www.countyfloors.com/species_sapele.html) | 1510 |
| [Curupixa](http://www.countyfloors.com/species_curupixa.html) | 1490 |
| [Sweet Birch](http://www.countyfloors.com/species_birch.html) | 1470 |
| [Hard Maple](http://www.countyfloors.com/species_maple.html) / [Sugar Maple](http://www.countyfloors.com/species_maple.html) | 1450 |
| [Coffee Bean](http://www.countyfloors.com/species_coffeebean.html) | 1390 |
| [Natural Bamboo](http://www.countyfloors.com/species_bamboo.html) (represents one species) | 1380 |
| [Australian Cypress](http://www.countyfloors.com/species_cypress.html) | 1375 |
| [White Oak](http://www.countyfloors.com/species_oak.html) | 1360 |
| [Tasmanian Oak](http://www.countyfloors.com/species_tasmanianoak.html) | 1350 |
| [Ribbon Gum](http://www.countyfloors.com/species_ribbongum.html) | 1349 |
| [Ash (White)](http://www.countyfloors.com/species_ash.html) | 1320 |
| [American Beech](http://www.countyfloors.com/species_beech.html) | 1300 |
| [Red Oak (Northern)](http://www.countyfloors.com/species_oak.html) | 1290 |
| [Carribean Heart Pine](http://www.countyfloors.com/species_pine.html) | 1280 |
| [Yellow Birch](http://www.countyfloors.com/species_birch.html) | 1260 |
| [Movingui](http://www.countyfloors.com/species_movingui.html) | 1230 |
| [Heart Pine](http://www.countyfloors.com/species_pine.html) | 1225 |
| [Carbonized Bamboo](http://www.countyfloors.com/species_bamboo.html)  (represents one species) | 1180 |
| [Cocobolo](http://www.countyfloors.com/species_cocobolo.html) | 1136 |
| [Brazilian Eucalyptus](http://www.countyfloors.com/species_eucalyptus.html) / [Rose Gum](http://www.countyfloors.com/species_roserivergum.html) | 1125 |
| [Makore](http://www.countyfloors.com/species_makore.html) | 1100 |
| [Boreal](http://www.countyfloors.com/species_boreal.html) | 1023 |
| [Black Walnut](http://www.countyfloors.com/species_walnut.html) | 1010 |
| [Teak](http://www.countyfloors.com/species_teak.html) | 1000 |
| [Sakura](http://www.countyfloors.com/species_sakura.html) | 995 |
| [Black Cherry](http://www.countyfloors.com/species_cherry.html), [Imbuia](http://www.countyfloors.com/species_imbuia.html) | 950 |
| [Boire](http://www.countyfloors.com/species_boire.html) | 940 |
| [Paper Birch](http://www.countyfloors.com/species_birch.html) | 910 |
| [Cedar](http://www.countyfloors.com/species_cedar.html) | 900 |
| [Southern Yellow Pine (Longleaf)](http://www.countyfloors.com/species_pine.html) | 870 |
| [Lacewood](http://www.countyfloors.com/species_lacewood.html),  [Leopardwood](http://www.countyfloors.com/species_leopardwood.html) | 840 |
| [Parana](http://www.countyfloors.com/species_parana.html) | 780 |
| [Sycamore](http://www.countyfloors.com/species_sycamore.html) | 770 |
| [Shedua](http://www.countyfloors.com/species_shedua.html) | 710 |
| [Southern Yellow Pine (Loblolly and Shortleaf)](http://www.countyfloors.com/species_pine.html) | 690 |
| Douglas Fir | 660 |
| [Larch](http://www.countyfloors.com/species_larch.html) | 590 |
| [Chestnut](http://www.countyfloors.com/species_chestnut.html) | 540 |
| [Hemlock](http://www.countyfloors.com/species_hemlock.html) | 500 |
| [White Pine](http://www.countyfloors.com/species_pine.html) | 420 |
| [Basswood](http://www.countyfloors.com/species_basswood.html) | 410 |
| [Eastern White Pine](http://www.countyfloors.com/species_pine.html) | 380 |