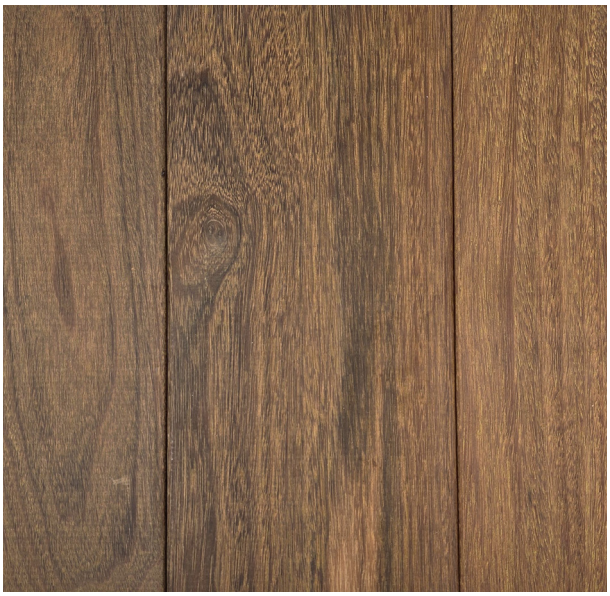
IPE

Tabebuia heptaphylla

Note: Indent-only for commercial applications.

PREMIUM ARCHITECTURAL
& BUILDING SOLUTIONS

High-Performance Timber for Extreme Conditions



Ipe, a tropical hardwood native to Latin America, is renowned for its remarkable strength, natural durability, stability, and high density. Ipe offered by JSC is FSC® 100% certified, ensuring it is responsibly sourced from well-managed forests. With a hardness that surpasses many other hardwoods, it's frequently chosen for its ability to withstand heavy impact and high-traffic environments.

Ipe's natural resilience against decay, pests, and extreme weather makes it a preferred timber for projects requiring longevity and minimal maintenance.

Known as "Ironwood and Brazilian Walnut," Ipe remains a top choice for architects and builders seeking superior performance in challenging conditions. The heartwood ranges from yellowish to dark olive brown with occasional thin dark veins. It features an interlocked, fine grain with clearly defined sapwood. Ideal for commercial decking, bridges, heavy carpentry, and marine structures.

Why choose it?

Class 1 durability

Dense structure minimises warping and splitting

Reduced maintenance needs due to density

Disclaimer: The timber properties and product information provided in this document are intended as general guidelines only. Actual timber characteristics may vary due to origin, growth conditions, environmental influences, and natural variation. JSC has not conducted specific testing on the timber properties referenced; all figures are indicative only and have been sourced from external references cited within this document. Information relating to JSC products is necessarily general in nature and subject to variation in dimension, appearance, and specification, depending on natural factors, installation methods, or the specific application. Customers must independently verify all technical data and obtain professional advice to determine the suitability of any product for their particular purpose. The Customer is solely responsible for ensuring that the product is appropriate for its intended use. JSC does not accept any liability (including for negligence) for claims arising from reliance on this information, documentation, or other related materials.



Technical Information

Certification	FSC®
***Availability of sizes**	Lengths: Random Lengths typically 1.8m - 5.7m Sizes: Sizes: To order*
****Durability**	Class 1

*This product is available by indent order only for commercial applications. **Based on above ground applications. Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in some pieces falling outside the species' durability classification. Durability classification applies to heartwood only; sapwood is excluded.

Mechanical properties	Green	Dry
***Density (kg/m3)	-	1100 kg/m3
Crushing Strength (MPa)	-	95
Modulus of Rupture (MPa)	-	166
Modulus of Elasticity (GPa)	-	22
Hardness | Janka (kN)	-	15.6

*** Density (kg/m3) is an average indication only, measured at 12% moisture content (dry condition) and actual density may vary from piece to piece.

REFERENCES: CIRAD. (n.d.). Tropix CIRAD website. Retrieved December 9, 2024, from www.cirad.fr; Scion. (n.d.). Scion website. Retrieved December 9, 2024, from www.scionresearch.com; Bootle, K. R. (1983). Wood in Australia: Types, properties, and uses. McGraw-Hill.

Note: Ipe is CITES-listed (effective November 2024), regulating its export to promote sustainability. As a timber supplier committed to sustainable practices, JSC ensures Ipe's provenance aligns with responsible sourcing standards. For more on similar species or further technical assistance, please contact the JSC team.

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FSC® C003608

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