Ipé

TABEBUIA SPP

Ipé, often called Brazilian walnut, is a beautiful exotic wood from South America. Typically used for decking and other outdoor applications, ipé structures are hard, strong, and naturally resistant to rot, abrasion and weather. It is almost twice as dense as most woods and up to five times harder. It is dark brown in color.

Fire Resistance

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Material | Flame Spread Index (10 min) | Flame Spread Index (30 min) | Smoke Developed Value (10 min) | NFPA Class\* | UBC Class\*\* |
| Ipe | 0 | 5 | 3 | A | 1 |

\*NFPA is the National Fire Protection

\*\*UBC is the Uniform Building Code

Density and Buoyancy

Ipe Janka\* rating – 3680

Average weight is 72 lbs./cu. ft. Specific gravity is .92 so it barely floats.

\*The Janka rating is a measure of the amount of force required to push a .444" diameter steel ball half way into a piece of wood.

Drying and Shrinkage

It dries extremely well with little checking, twisting, or bow.

Workability

Ipé can be difficult to work with, especially with hand tools. It can have a blunting effect on cutting edges, so pre‐drilling for nails and screws is recommended. It comes in good long lengths with limited warp. Planks do not bend well, but the wood finishes and sands quite smoothly, with no splintering.