



IPE



Ipe is world-renowned for its durability and warm, rich beauty. Its properties and appearance make it a desirable product for outdoor spaces. It's one of the hardest woods available, lasting decades when properly maintained. Ipe's tight grain and natural oils contribute to its exceptional strength, making it a desirable material among architects and builders for high traffic outdoor spaces where beauty and longevity are required.

Sourced primarily from South America's tropical forests, Ipe's physical properties are enhanced by its environmental impact, making responsible sourcing important. All Ipe sourced through TimberBase follows chain-of-custody (CoC) standards and responsible forestry practices.

- Available through TimberBase.com with real-time job pack pricing
- Milling capabilities for porch flooring, grooved decking, rain screening, and railing components
- Common sizes readily available for decking, dimensional lumber, posts, timbers, and more
- Follows chain-of-custody (CoC) standards and responsible forestry practices
- Features a fire rating comparable with concrete and metal
- Naturally resistant to termites, rot, and decay
- Accessories like deck tiles, Ipe oil, and fasteners are also available
- Other tropical hardwood species available upon request

Ipe Properties and Characteristics

Item	Description
Appearance	Varies in color between darker blackish, yellow undertones, and reddish-brown hues. Grain pattern is typically straight but can be interlocked or irregular.
Maintenance	Regular cleaning and sweeping is recommended. UV exposure causes Ipe to fade to a silvery gray. The original color can be maintained or restored using a high quality Ipe oil.
Longevity	25+ years if well maintained
Durability	Naturally resistant to rot, decay, and termites
Odor	Mild scent
Texture	Fine to medium
Workability	Ipe is known for its hardness. For best results, use high quality carbide tipped saw blades and drill bits.
Fasteners	Stainless steel fasteners or hidden fasteners designed specifically for Ipe are recommended. Pre-drilling is also recommended.
Fire Rating	Comparable to concrete and metal
Density (lbs. per cu. ft.)	69 lbs.
Bending Strength (psi)	25,400
Modulus of Elasticity (1,000 psi)	3,200
Janka Hardness (lbs.)	3,680
Maximum Crushing Strength (psi)	13,600
Shear (psi)	2,060

Decking	Dimensional
5/4x6 Kiln-dried (KD)	2x2, 2x4, 2x6, 2x8, 2x10, 2x12
5/4x6 KD Grooved	3x, 4x, 6x
1x6 KD	1x8, 1x10, 1x12
1x6 KD Grooved	
1x4 KD	
5/4x4, 5/4x8, 5/4x10, 5/4x12 KD	