

DOJU™

Hardwood Decking



THE DISTINCT BEAUTY OF DOJU™

Doju™ decking has a rich dark brown color with beautiful grain characteristics. Doju™ is a close cousin to genuine Ipe. Widely traded in Europe for many decades, Doju™ hardwood decking will gradually age to a lustrous silver-grey if left untreated. It can be oiled or stained to retain its rich golden-brown color.

UNBELIEVABLY DURABLE AND STABLE

Doju™ decking is amongst the strongest and most resilient natural untreated hardwood materials available on the market today. It is also one of the most stable hardwoods commonly used for exterior applications, making it the perfect choice for close-to-ground applications and regions with more variable climates.

ENVIRONMENTAL

Nova's Doju™ does not have similar CITES Appendix 2 listings like its cousin Ipe. Although it has been traded alongside Ipe for decades, the supply of Doju™ is much more concentrated into the Northeast corner of South America. Nova's exclusive supply arrangements allow us to precisely control the resource so as not to over harvest and maintain sustainable sourcing for many years to come.



TECHNICAL SPECIFICATIONS

Janka Hardness: 3,680 pounds

Strength (MOR): 22,480 (psi)

Stiffness (MOE): 2,240 (1000 psi)

Grade: First Clear

Density: 950 kg/m³

Color: Doju heartwood is light to dark olive brown with contrasting yellowish-grey or grey brown tones accompanying it.

Radial Shrinkage: 9.2%

Tangential Shrinkage: 5.9%

Tree Characteristics: The Doju tree can grow 140 to 150 feet high while the diameter of its trunk can measure up to 6 feet. The average height and diameter for the Doju tree is 100 feet and 2 to 3 feet, respectively.

Geographic Area: Doju can be found in some of the Lesser Antilles and throughout continental tropical America. The tree can typically be found in marsh forests or ridge tops and riverbanks

Texture: Medium to coarse

Grain: Straight to very irregular

Luster: Low to medium

Durability: Rated as very durable, resistant to brown and white-rot fungi, and has exemplary weathering characteristics



Nova USA Wood Products
3821 24th Ave.
Forest Grove, OR. 97116
(503) 419-6407



www.novausa.com

@NOVAUSAWOOD



DOJU™ vs IPE

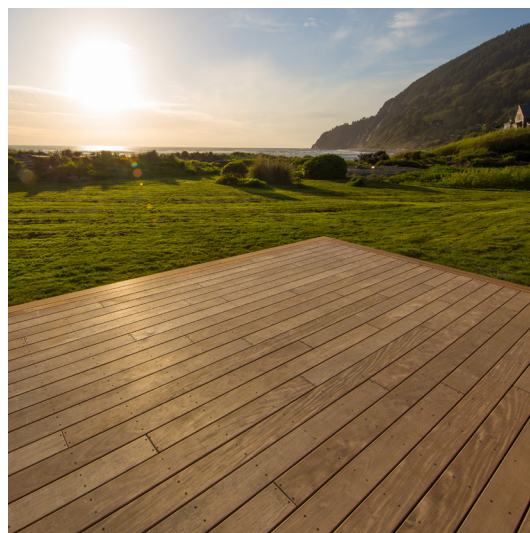
Hardwood Decking



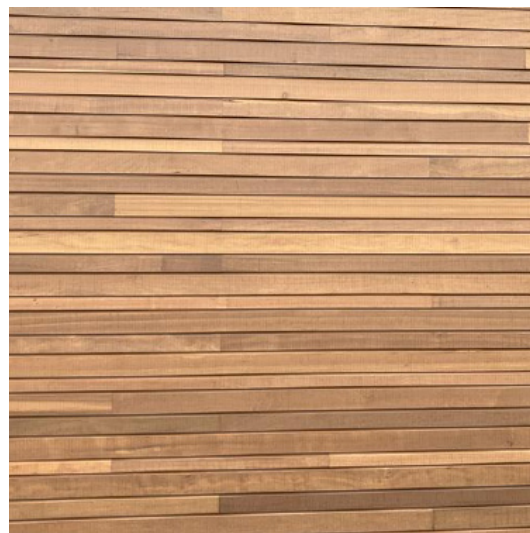
BOARDS OF A FEATHER

Both Ipe and Doju are premier tropical hardwoods, known for their exceptional hardness, durability, and resistance to decay and insects. Ipe stands out for its extreme density and hardness, making it one of the most durable woods available, and its excellent dimensional stability is a key advantage for high-end decking and outdoor structures where minimal movement is crucial. As a very strong and durable alternative, Doju is also well-suited for decking and heavy applications. Doju remains a top-tier choice for demanding projects.

	IPE	DOJU
APPEARANCE	Rich brown with red and amber hues; can vary from olive-brown to nearly black. Grain is typically fine and straight.	Yellow-brown to reddish-brown heartwood. The grain is often interlocked and the texture is coarse.
DENSITY	~1,050 kg/m ³ (66 lbs/ft ³)	~950 kg/m ³ (57 lbs/ft ³)
JANKA HARDNESS	~3,510 lbf	~3,680 lbf
MOR	~25,400 psi (175 MPa)	~24,000 psi (165 MPa)
MOE	3,140,000 psi (21.6 GPa)	2,364,000 psi (16.3 GPa)
DURABILITY	Highly durable; rated as very resistant to rot and decay.	Highly durable; very resistant to decay and fungi.
INSECT RESISTANCE	Highly resistant to termites and other wood-boring insects.	Very resistant to termites and other insect attacks.
DIMENSIONAL STABILITY	Tangential Shrinkage: 8.4% Radial Shrinkage: 6.6%	Tangential Shrinkage: 9.2% Radial Shrinkage: 5.9%
FINISHING	Accepts stains and oils well. Can be left to weather to a silver-gray patina.	Takes finishes well. Can also be left to weather naturally.
FIRE RESISTANCE	Class A fire rating, the same as concrete and steel.	Generally good fire resistance due to its high density, though specific ratings are not available



Ipe Decking



Doju Siding

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