

Certificate of Compliance Technical Data - Iron Woods® Ipe

We hereby certify that Iron woods® Ipe has been tested per ASTM Standards as indicated below.

Features	Iron Woods® Ipe
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Composition Naturally Durable Hardwood Untreated
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Species Tabebuia spp. (Lapacho Group)
Surface Dressed / Profiled / Roughsawn

Color Natural

Installation Stainless Steel Fasteners

Max overhand beyond joist 6"

Weight per net bf AD 18% + (avg) 5.5 - 6 lbs Weight per net bf KD 18% - (avg) 5 - 5.5 lbs Lengths To 20'

Property Description	ASTM Standard	Iron Woods® Ine

Modules of Elasticity	ASTM D-143	3145000 psi
Bending Strength	ASTM D-143	22.475 psi
Compression Parallel to Grain	ASTM D-143	13,140 psi
Compression Perpendicular to Grain	ASTM D-143	3,595 psi
Shear Parallel to Grain	ASTM D-143	2,290 psi

Screw Pull Out Avg. 1102 lbs Max Load

Coefficient of Friction - Leather	ASTM C1028-89	Dry55 FP / Wet .79 FP (ADA Compliant)
Coefficient of Friction - Neolite	ASTM C1028-89	Dry73 FP / Wet .69 FP (ADA Compliant)

Surface Burning	Surface Burning	ASTM E-84 (1989)	NFPA Class A, UBC Class 1
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Flame Spread (20 minutes)	ASTM E-84 (1989)	0
Flame Spread (10 minutes)	ASTM E-84 (1989)	5
Smoke Developed (10 minutes)	ASTM E-84 (1989)	3
Fuel Contribution (10 minutes)	ASTM E-84 (1989)	0

Acute Inhalation NYS Modified Pittsburg Protocol LC 50 0f 63.60g.

NYSUFPBC, Art 15, Part 1120,9 NYCRR

Combustion Toxicity Test 1120 Pass (19.7g or greater)

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