



## Certificate of Compliance Technical Data – TFP Brand Ipe

We hereby certify that TFP Brand Ipe has been tested per Standards as indicated below.

<b>Features</b>	<b>TFP Brand Ipe</b>	
Composition	Naturally Durable Hardwood Untreated	
Species	Tabebuia spp. (Lapacho Group)	
Surface	Dressed / Profiled / Rough sawn	
Color	Natural	
Installation	Stainless Steel Fasteners T305 or T316	
Max overhang beyond joist	6"	
Lengths	To 20'	
Dimensions	To 6"x12'	
<b>Property Description</b>	<b>ASTM Standard</b>	<b>TFP Brand Ipe</b>
<b>Dimension Lumber</b>		
Specific Gravity	ASTM D-143	66 pcf – Dry
Modules of Elasticity	ASTM D-143	3,010,000psi - Dry
Bending Strength	ASTM D-143	25,200 psi - Dry
Compression Parallel to Grain	ASTM D-143	14,000 psi - Dry
Compression Perpendicular to Grain	ASTM D-143	3,595 psi - Dry
Shear Parallel to Grain	ASTM D-143	3,060 psi - Dry
<b>Certified Minimum Allowable Design Values</b>	<b>ASTM Standard</b>	
Modules of Elasticity	ASTM D-245	3,010,000 psi- Dry
Bending Strength	ASTM D-245	5,950 psi - Dry
Compression Parallel to Grain	ASTM D-245	3,800 psi - Dry
Compression Perpendicular to Grain	ASTM D-245	2,155 psi - Dry
Shear Parallel to Grain	ASTM D-245	995 psi - Dry
Surface Burning	NSI/NFPA No. 255 / UBC No. 8-1	NFPA Class A / UBC Class 1
Calculated Flame Spread (10 minutes )	ASTM E84-19b (2019)	10
Calculated Smoke Developed	ASTM E84-19b (2019)	350



Under Deck Fire Test	Absence of falling burning particles when reaching the burner or floor	Pass
CalFire Wildlife Urban Interface Areas Materials and Construction Methods	ASTM E108 (CSFM 12-7A-4) Exterior Wildlife Exposure: Decking	(Approved)
International Building Code	Fire Resistant Wood	(Compliant)
International Residential Code	Fire Resistant Wood	(Compliant)
<b>Additional Compliance Technical</b>		
Coefficient of Friction Wet / Static	ANSI B101.1	(.73 Average Compliant)
Coefficient of Friction Wet / Dynamic	ANSI A137.1	(.45 Average Compliant)
Natural Decay Resistance Class	US Naval Research Laboratory	(Highly Resistant)
Marine Borer Resistance	US Naval Research Laboratory	(Highly Resistant)
Termite Resistance	US Naval Research Laboratory	(Highly Resistant)
Static Electrical Charge Attraction	Triboelectric Series	(Neutral)
International Building Code	Naturally Durable Wood	(Class 1 / Compliant)
International Residential Code	Naturally Durable Wood	(Class 1 / Compliant)
British Standards	BS EN 338:2003	D70

This certificate of compliance is a continuing, irrevocable representation and warranty of compliance with TFP Brand Ipe Technical requirements and may continue to be relied upon by its customers for each purchase of goods or services unless prior timely written notice is given to our customers that the goods or services TFP proposes to sell to our customers do not comply with the TFP Brand Ipe Technical Requirements. Such notice shall not be deemed to revoke or modify Certificates of Compliance previously provided by TFP.