

HARDENED BAMBOO

ENGINEERED FOR EXTREME
OUTDOOR ENVIRONMENTS



WISHBONE JEM CHAIR
WITH HARDENED BAMBOO BOARDS

HARDENED BAMBOO — A NATURAL SOLUTION

Wishbone has always prioritized sustainability with 100% recycled plastic lumber, but some customers want the look and feel of wood. Ipe is the traditional exotic hardwood that is great for outdoor furnishings, but it is also a slow-growing tropical “at risk” species, making it unsustainable.

Wishbone is proud to offer a strand woven bamboo lumber option that outperforms Ipe for hardness, dimensional stability and fire resistance. Most significantly, it requires very little maintenance and can be sanded to remove graffiti or burn marks. ➔



Full length bamboo strands are combined with ~10% phenolic glue and modified under intense heat and pressure, making the resulting boards harder and stronger than almost any hardwood. Bamboo is grown in only 2 years, supporting our commitment to the environment and price competitiveness.



Wishbone
site furnishings

HARDENED BAMBOO

IPE HARDWOOD

BRINELL HARDNESS	9.5 kg/mm ²	5.9 kg/mm ²
DENSITY	1150 kg/m ³	1060 kg/m ³
DIMENSIONAL STABILITY	Length + 0.1%, Width + 0.9 % (24 hours in 20°C water)	Tangential - 7.1 %, Radial - 5.5 % (Green to oven dry)
DURABILITY	Class 1 in use (25 year warranty) Excellent against rot, insects & fungi	Class 1 durability (25+ years) Excellent against insects & decay
FIRE RESISTANCE	Class A (ASTM E84) Highly fire resistant	Class A (ASTM E84) Known for natural fire resistance
WEATHER RESISTANCE	Excellent stability with moisture; Slight greying over time, if untreated	Moderate stability with moisture Slight greying over time, if untreated
ENVIRONMENTAL IMPACT	Carbon neutral; Renewable 2 year bamboo growth	CITES Appendix II “at risk” species ~100 years to reach maturity
MAINTENANCE	Low maintenance; Can be sanded; Oil to maintain colour	Low maintenance; Can be sanded; Oil to maintain colour
COST	Lower cost compared to exotic hardwoods	Higher cost due to limited supply and long harvesting cycles



HARDENED BAMBOO
WITHOUT OIL OR STAIN

SOLUTIONS FOR THE FUTURE ...FROM PIECES OF THE PAST

Since 1995, Wishbone Site Furnishings has become an industry leader in sustainably designed commercial furniture. From our local facilities in Langley and Parksville, BC, Wishbone designs and manufactures innovative and functional site furnishings with high recycled content, requiring little or no maintenance.

FURTHER QUESTIONS?

Please visit WishboneLtd.com for full product information, technical files and current pricing.

Or email us at Sales@WishboneLtd.com to discuss how we can help.

