

PAULOWNIA

Lightweight · Stable · Decay & Insect Resistant

Paulownia is a fast-growing soft hardwood native to Asia and plantation-grown around the world from China to Australia to Latin America and the USA.

Like all of American's ArmorCoat line of primed trim boards, our Paulownia is primed with a two-coat process. An oil primer forms the base for a bright white acrylic latex prime coat. The finished board is exceptionally smooth and even, with two usable faces.

Read on to learn why Paulownia's characteristics are perfect for fingerjoined primed trim.



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CHARACTERISTICS

Paulownia is renowned for its workability and its freedom from checking, cracking, and splitting, making it an ideal wood for fingerjoining.

With no measurable tannins, pitch, or resin, potential for extractive bleeding is limited, and there's no raised grain, making Paulownia a good substrate for priming.

The wood remains stable in humidity and experiences little shrinkage or expansion compared to other species.

Combined with its natural resistance to rot (in non-ground contact conditions) and even termites, this makes it ideal for exterior trim and cladding, while also being perfectly suitable for interior use.

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Properties	Paulownia	Radiata	Western Red Cedar
Rot Resistance	Moderately Resistant	Nonresistant	Resistant
Termite Resistance	Highly Resistant	Nonresistant	Highly Resistant
Easily Split	No	Yes	Yes
Tannins & Extractives	No	No	Yes
Thermal Insulation	Excellent	Good	Excellent
Fire Resistance	Moderate	Low	Low
Gluing Properties	Excellent	Excellent	Good
Heartwood Durability	Yes	No	Yes
Sapwood Durability	Yes	No	No
Cost of Clear Grades	Low	Low	High
Growing Cycle	7 Years	20 Years	80 Years



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