

E-PRIME® BOARDS & DIMENSIONS

- Standard ALS Widths –
Custom Thickness & Widths Available

- **Boards** (S4S) 12' & 16' available

4/4 (3/4") 1x3 thru 1x12

5/4 (1-1/8") 5/4x4 thru 5/4x12

- **Bevel Sidings** (fully reversible)
Smooth Face/Re-Sawn Face

1/2x6, 1/2x8

3/4x10

- **18" Reversible Sidewall Shingles**

- **Edge and Center Bead**

5/8x4 and 1x6
T&G Beaded Ceiling
E&CB / V2E

- **NEW!** Nickel Gap Profile in Reversible
Nickel Gap/Shiplap

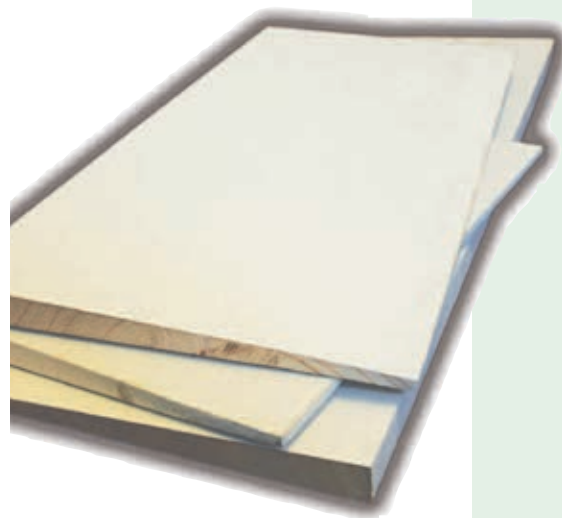
11/16 x 5.5" and 11/16 x 7.25"

- Custom Sidings & Patterns Available

- Custom Paint Finishes Available

E-PRIME Applications

- ✓ Interior and exterior trim
- ✓ Siding
- ✓ Sidewall Shingles
- ✓ Ceilings
- ✓ Interior Wall Covering



E-PRIME®
Where Ecology Meets Technology

Earth Friendly Super Species



E-PRIME® is backed by a 20-year industry leading warranty. Please refer to:
holbrooklumber.com/attachments/eprime-warranty.pdf

For specifics regarding installation, storage and handling of E-PRIME® products refer to:
holbrooklumber.com/attachments/eprime-installation-guide.pdf

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Call 800-833-3383
holbrooklumber.com



FINEST QUALITY BUILDING MATERIALS OF DISTINCTION

E-PRIME® High Performance Boards – Dimensionally Stable, Decay Resistant, and Preservative Free

NATURAL AND DURABLE E-PRIME®

E-PRIME® primed boards and bevel siding are made from earth-friendly Paulownia wood. E-PRIME® is free from chemical preservatives! All E-PRIME® products are coated with an Ultra-High Performance 2-coat oil-based primer. Only a special board could meet the requirements for both interior and exterior applications. Naturally decay resistant and extremely stable. E-PRIME® is smooth on all four sides and defect-free. E-PRIME® is available in a wide range of pre-primed trim boards, bevel siding and pattern stock. It is finger jointed, edge glued, knot free and fully reversible with a super smooth finish.

Suitable for both interior and exterior applications make E-PRIME® the correct choice for your next home project.

E-PRIME® is a **BETTER BRAND®** finest quality building material of distinction.

PAULOWNIA - THE SUPER SPECIES

Paulownia, a soft hardwood, is predominantly plantation grown and considered an exceptionally earth-friendly tree given its regeneration growth cycles, fast time to yield and consumption of large amounts of carbon from the air.

Carbon Removal

The fast growth rate of Paulownia allows for providing one of the most effective carbon sinks compared to other trees. The trees soak up an amazing amount of carbon dioxide and have been embraced by many environmentalists as a way to control carbon emissions globally. To grow the trees to make a single truckload of Paulownia boards requires the absorption of over 3 million pounds of carbon dioxide.

With a twelve-year growing cycle, it takes almost half the area that would be required to grow the same amount of wood from other fast-growing species and less than a fifth of the area required to grow most traditional species. Yet, it's one of the most stable trim boards on the market.

PAULOWNIA WOOD QUALITIES

Soft hardwood	High strength-to-weight ratio
Superior wood fiber	High fire & ignition resistance
Plantation grown	High insulation properties
Fast growth cycle	No measurable resins or pitch
Effective carbon sink	Low shrinkage coefficient
Dimensionally stable	Silky smooth finish
Kiln dried	
Light physical weight	
Naturally resistant to rot, decay, and insects	

Wood Characteristics

Paulownia heartwood is light in color and the sapwood even lighter. The color difference between the two is indistinct. The wood is straight grained, lightweight, and odorless and when sanded has the feel of spun silk.

Paulownia is comparatively soft and light in weight for a hardwood. Physical weight is slightly less than kiln dried western red cedar and two-thirds the weight of eastern white pine. It has a very high strength-to-weight ratio. The shrinkage coefficient is smaller than most commercially harvested coniferous and broad leaf woods. The wood dries rapidly and does not easily warp, cup, end check, splinter or split. Movement in service is rated as small.

Natural Protective Traits

Paulownia has one of the lowest thermal conductivity values of any wood; therefore the wood has very high insulation properties. Low thermal conductivity contributes to the low shrinkage in use. Compared to most woods, Paulownia has a high resistance to fire and flame and a higher ignition/flash point. Paulownia is naturally decay and insect resistant. It has no measurable pitch or resin. Like all decay-resistant substrates, it has some water-soluble extractives though less so than eastern pine or cedar.

Preservative Free

Unlike some other species used for exterior applications, Paulownia does not require any harmful chemical treatments such as Borates or LOSP's (light organic solvent preservatives) to make it decay and rot resistant.

Paulownia has natural decay, rot and insect resistance and no measurable pitch or resins that can be found in Pine or Cedar. These characteristics make E-PRIME® the ideal choice for interior or exterior applications.

E-PRIME® IS PACKED FULL OF FEATURES

E-PRIME® includes all of the natural benefits that Paulownia has to offer. In addition, E-PRIME® boards are puttied and then sanded four sides after priming, resulting in a super smooth, fully reversible finish. E-PRIME® may contain filler that is epoxy based that can be painted, sawn or routed. Henkel exterior waterproof glue backed by a 10-year warranty is used to produce the FJ and FJ/edge glued boards.

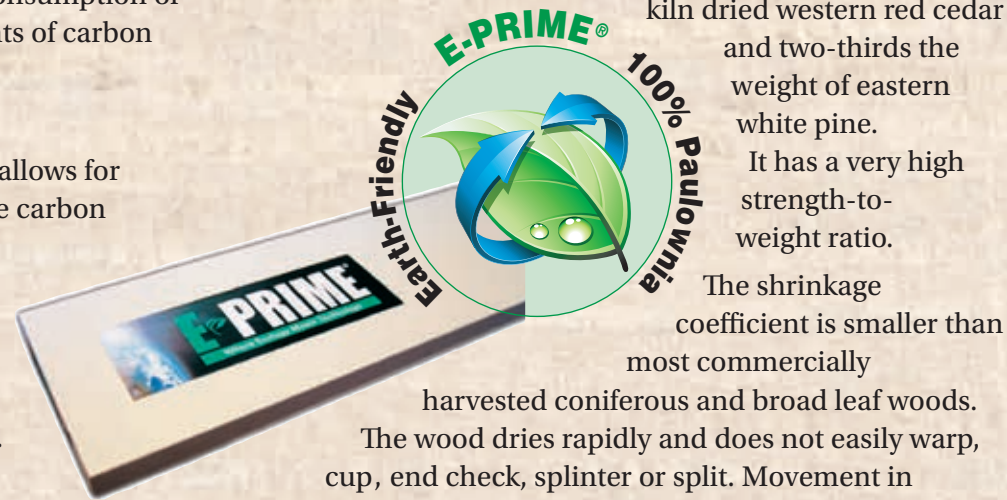
Topcoating E-PRIME®

E-PRIME® features a High Performance 2 coat oil-based primer and requires field coating within 120 days of installation. Topcoat with a quality 100% Acrylic for both interior and exterior applications. Oil based paint products are also a viable topcoat option with E-PRIME®. Consult your preferred paint supplier for a recommended top coat finish and adhere to the paint manufacturer instructions fully.



BOARD MATERIALS COMPARISON CHART

	Paulownia - E-PRIME®	Eastern white pine	Radiata pine	Western red cedar	PVC
Fast Growth Cycle	■	-	■	-	N/A
High rate of Carbon Removal	■	-	-	-	N/A
Dimensionally Stable	■	■	-	■	-
Preservative Free	■	■	-	■	-
Light Physical Weight	■	■	-	■	-
Low Thermal Conductivity	■	■	-	-	-
Natural Decay Resistance	■	■	-	■	■
20-Year Substrate Warranty	■	-	■	-	■
Affordably Priced	■	-	■	-	-



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