

AMBARA®

Thermally Modified Siding, Ceiling, Trim, Beams, & Pergolas



THE HIGHER DEGREE OF WOOD™

Ambara® is a proprietary lightweight, low density, and thermally modified West African tropical hardwood. We start with Obeche, which has a long history of use in plywood and veneers. Our proprietary thermal modification process gives our Ambara® a consistent and beautiful caramel color throughout the wood.

AMBARA® - THE PERFECT CEDAR SUBSTITUTE

The thermal modification of the Ambara® not only affects the color of the wood, but also greatly increases the durability and stability of the wood, making it ideal for all climates and extreme outdoor environments. Ambara® can be used for indoor applications, outdoor siding, cladding, and soffit applications because the process of thermal modification increases its durability to the same class as clear all heart Western Red Cedar.

Ambara® hardwood will naturally fade to a silver-gray color when left unfinished. If you desire to maintain the natural amber-brown coloring of the boards, a wood stain with UV blockers should be used prior to installation. To maintain Ambara's® color after installation, maintenance coats of stain should be applied every 2-5 years depending on the level of UV exposure.



TECHNICAL SPECIFICATIONS

Janka Hardness: 430 pounds

Strength (MOR): 8,820 (psi)

Stiffness (MOE): 970 (1000 psi)

Grade: A & Btr Clear

Density: 320 kg/m³

Color: Consistent caramel brown to amber when thermally modified.

Radial Shrinkage: <1.0%

Tangential Shrinkage: <1.0%

Species: Triplochiton scleroxylon

Tree Characteristics: Tall and relatively clear with logs up to 5 feet in diameter.

Geographic Area: Abundant in West Africa, and available with FSC certification from sustainably managed forests.

Texture: Medium

Grain: Separated for Vertical and Mixed Grain

Luster: Medium High

Appearance: Medium to wide ribbon grain similar to quarter sawn Sapele

Durability: Class 2 rated. Ambara™ is in the same class as clear all heart Western Red Cedar.

Finishing: Easily takes oil/water-based stains and paint.

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AMBARA® PRODUCT OFFERINGS

Ambara can be milled into common or custom patterns
Ambara® sizes stocked as S4S Blanks and Rough Sawn

- 4/4 thickness available in 4", 6", 8", 10" and 12" widths
- 5/4 thickness available in 4", 6", 8", 10" and 12" widths
- 8/4 thickness available in 4", 6", 8", 10" and 12" widths

Additional dimensions available upon request



COMMON SIDING PROFILES

