

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 Ayous, which is also known as Obeche, and 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.

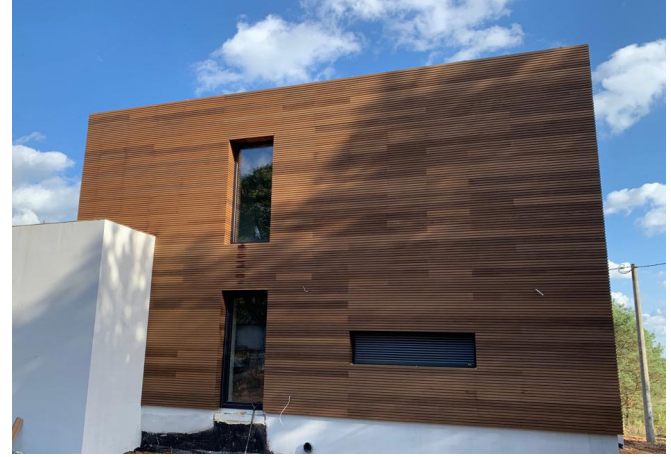
AMBARA™ – THE PERFECT CEDAR SUBSTITUTE

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™ also has a higher hardness rating at 430lbs on the Janka Scale, compared to Western Red Cedar at 320lbs.

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, an oil-based 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.

JANKA SCALE

Ambara™	430lbs
Western Red Cedar	320lbs



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: 2.0%

Tangential Shrinkage: 2.0%

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 OLB and FSC certification from certified sustainable forests.

Texture: Medium

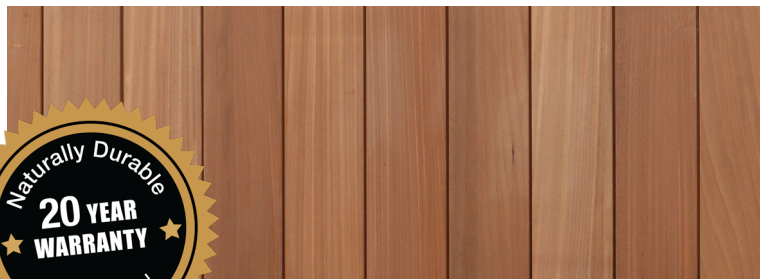
Grain: Separated for Vertical and Mixed Grain

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-based stains and paint.



Nova USA Wood Products
3821 24th Ave.
Forest Grove, OR. 97116
(503) 419-6407



www.novausa.com

@NOVAUSAWOOD



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AMBARA™ PRODUCT OFFERINGS

Ambara™ sizes stocked as S4S Blanks and Rough Sawn

1x4 S4S Square Edge (7/8 x 3-3/4) VG and MG

1x6 S4S Square Edge (7/8 x 5-3/4) VG and MG

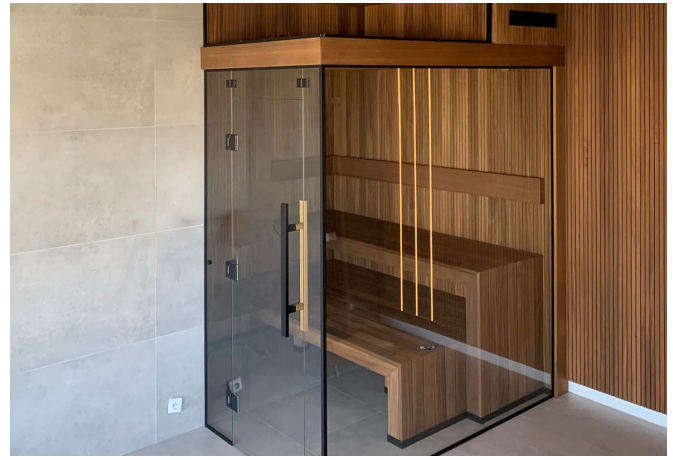
1x8 S4S Square Edge (7/8 x 7-1/2) VG and MG

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

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

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

Ambara™ can be milled into any common or custom Western Red Cedar profiles.



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