

Project: Private Residence
Location: Southampton, NY
Installer: BAHND design studio

Product: **HAI** from the **CHARRED** Collection

This private residence off a beautiful, secluded road in The Hamptons features a modern façade clad in reSAWN's HAI shou sugi ban charred wood specified by BAHND design studio.

BAHND DESIGN STUDIO is an architecture and design practice founded by Amanda Beethe to develop thoughtful, modern, sustainable architecture and design. They work with absolute dedication to the context of each project, ensuring that every space speaks to its owner in their own language. Their concepts draw inspiration from the place of each project: the history, nature and culture, and incorporate that into its future form.

Based in New York City, BAHND brings signature passion, curiosity and vitality to each of their projects, which have included restaurants, hotels, exhibitions, and residential design.

The ancient technique of shou sugi ban is gaining new life as a unique and modern interior and exterior wall cladding. The wood is carefully charred, doused in water, cooled, brushed to remove dust and loose debris, and then stained/sealed to create the unique designs you will find in the CHARRED collection.



Photo credit: © reSAWN TIMBER co. 2015





PRODUCT SPECIFIC DATA:



CYPRESS

Grade: # 2 common *

Janka Hardness: 510

Class Rating: B (ASTM E 84)

Flame Spread Index: 135 (ASTM E 84)

Exterior Siding or Interior Wall Applications

** select grade available upon request*

HAI - CYPRESS
SOLID - SKU #CH-750201

Photo Disclaimer: Project and product photos are meant to be a general guide to product appearance only. Due to our handcrafted process and wood being a product of nature, the color, grain pattern, character and profile will vary between individual boards on a project and will never be an exact match.

Janka Rating from similarly tested products - expected to be close to actual measurements of reSAWN TIMBER co.'s products.

STANDARD MILLWORK:

Tongue & Groove, Shiplap or S4S

STANDARD DIMENSIONS:

	Cypress
Thickness:	+/-7/8"
Width:	5-1/2" (S4S) 5-1/8" (T&G/shiplap)
Random Lengths:	6'-16'

SOLID ONLY. Note: Additional widths and lengths available upon request.

FINISH SPECS: Burned, Brushed and finished with Translucent Sealer

FLASH POINT 115 °F (46 °C)
 Burning wood gives it a charcoal barrier that is rot and fire resistant.

INSTALLATION GUIDE:

Refer to Southern Cypress Manufacturer's Association Guidelines - http://www.cypressinfo.org/blog/wp-content/uploads/2012/07/Cypress_Siding_Installation.pdf

STRENGTH and MECHANICAL PROPERTIES:***

	BALDCYPRESS		LONGLEAF PINE	
MOISTURE CONTENT	Green	12%	Green	12%
SPECIFIC GRAVITY	0.42	0.46	0.54	0.59
MODULUS OF RUPTURE (lbf/in ²)	6,600	10,600	8,500	14,500
MODULUS OF ELASTICITY (10 ⁶ lbf/in ²)	1.18	1.44	1.59	1.98
WORK TO MAXIMUM LOAD (in-lbf/in ³)	6.6	8.2	8.9	11.8
IMPACT BENDING TO GRAIN (in.)	25	24	35	34
COMPRESSION PARALLEL TO GRAIN (lbf/in ²)	3,580	6,360	4,320	8,470
COMPRESSION PERPENDICULAR TO GRAIN (lbf/in ²)	400	730	480	960
SHEAR PARALLEL TO GRAIN (lbf/in ²)	810	1,000	1,040	1,510
TENSION PERPENDICULAR TO GRAIN (lbf/in ²)	300	270	330	470
SIDE HARDNESS (lbf)	390	510	590	870

*** Source: FPL-GTR-190