VERNON LAKE HOUSE

Project: Vernon Lake House
Location: Vernon, BC, Canada
Installer: Woodstyle Homes

Product: **MOYASU** from the **CHARRED** Collection

Located on the northeastern bank of Lake Okanagan in Vernon, British Columbia, this modern lake house is clad in reSAWN's MOYASU charred exterior siding. This project features #2 common grade cypress that has been burnt in the Japanese tradition of shou-sugi-ban. this ancient technique 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.

reSAWN TIMBER co.™

PRODUCT SPECIFIC DATA:

MOYASU - CYPRESS
SOLID - SKU #CH-750202

CYPRESS

Grade: No. 2 Common *

Janka Hardness: 510

Class Rating**: C (ASTM E 84)

Flame Spread Index**: 145-150 (ASTM E 84)

Exterior Siding or Interior Wall Applications

** Select Grade available upon request*

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.
Data from Forest Products Laboratory (FPL) General Technical Report (GTR) 190 - expected to be close to actual measurements of reSAWN TIMBER co.'s products.

STANDARD MILLWORK:
Tongue & Groove, Endmatched

STANDARD DIMENSIONS:

	Cypress/Yellow Pine	Red Oak
Thickness:	13/16″ - 7/8″	3/4″
Width:	5-1/2″	5″
Random Lengths:	8′-16′	2′-10′

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 ($in\text{-}lbf/in^3$)	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*