

All of our **CHARRED** products are **MADE in the USA**, at our facility in Telford, PA. We use domestic wood species whenever possible, including Cypress, Western Red Cedar and Black Walnut as well as reclaimed woods from the US. Our extensive offering includes modified, high performance woods, Kebony and Accoya, for exterior applications. Our designs have been carefully developed using modern finishes and incorporating our many years of experience in the architectural & design specification market. It is essential that this unique material is understood and expectations are set **prior to ordering**. It is critical that every architect, designer, installer and end-users reads and understands this document and the applicable install guide BEFORE materials are ordered.

APPLICATIONS:

- Cypress, Cedar, Accoya and Kebony designs are suitable for EXTERIOR and INTERIOR applications including walls, ceilings, millwork (not suitable for flooring).
- KINOKO is intended for INTERIOR application only - walls, ceilings, millwork (not suitable for flooring).
- KURUMI is intended for INTERIOR applications only - walls, ceilings, millwork & flooring

STANDARD DIMENSIONS & MILLING:

SOLID CYPRESS: +/- 13/16" thick X +/- 5-1/8" wide X 6'-16' random lengths, T&G or Standard Shiplap milling

Dimensions noted are for Tongue & Groove or Standard Ship Lap. For S4S face width is +/- 5-1/2" - custom shiplap with reveal available upon request

SOLID WESTERN RED CEDAR: +/- 3/4" thick X +/- 5" wide X 6'-16' random lengths, T&G or Standard Shiplap milling

Dimensions noted are for Tongue & Groove or Standard Ship Lap. For S4S face width is +/- 5-1/2" - custom shiplap with reveal available upon request

SOLID ACCOYA WOOD: +/- 3/4" thick X +/- 5-3/8" wide OR +/- 7-3/8" wide X 6'-16' random lengths OR 5/8" X 5-3/8", price includes T&G or Standard Shiplap milling

Dimensions noted are for Tongue & Groove or Standard Ship Lap. For S4S face width is +/- 5-3/4" OR +/- 7-3/4" wide - custom Shiplap with reveal available upon request

SOLID KEBONY WOOD: +/- 13/16" thick X +/- 5-3/8" wide X 8'-16' random lengths, S4S, T&G, Standard Shiplap milling

Dimensions noted are for Tongue & Groove or Standard Ship Lap. For S4S face width is +/- 5-3/4" - custom Shiplap with reveal available upon request

SOLID RECLAIMED HEMLOCK: +/- 7/8" thick X +/- 7" wide X 6'-12' random lengths S4S *

See resawntimberco.com and/or relevant Tech Specs for standard dimensions for KINOKO and KURUMI.

DIMENSIONAL VARIATIONS

Although our materials are finished in a controlled environment, wood is a natural material that may have slight dimensional variations due to our unique finishing techniques. Our products are machined with standard dimensions, but the milling, burning, brushing, and overall finishing process could affect material thicknesses and widths. Product photos and samples provided by reSAWN TIMBER co. are meant to be a general guide to product dimensions only. The thickness and width may vary between individual boards on a project and may not be an exact match to samples/photos

*** ACTUAL THICKNESS and WIDTH MAY BE REDUCED BY 1/16" DUE TO CHARRING AND BRUSHING PROCESS ***

SEALING:

INTERIOR products are sealed on FACE ONLY

EXTERIOR applications require sealing on ALL 4 SIDES

Minimum Order Quantity = 100 sf

* Custom widths and lengths available - call for details and pricing.

MATERIAL CONSIDERATIONS

VARIATIONS:

The wood is burnt under controlled conditions however, due to the nature and grain pattern of wood and our hand crafted process, there will be a natural variation to the color and pattern of these materials. Each plank takes the burning process differently depending on the grain pattern and character of the wood. Product photos and samples provided by reSAWN TIMBER co. are meant to be a general guide to product appearance only. The color, grain pattern, character, and profile will vary between individual boards on a project and will never be an exact match to samples/photos

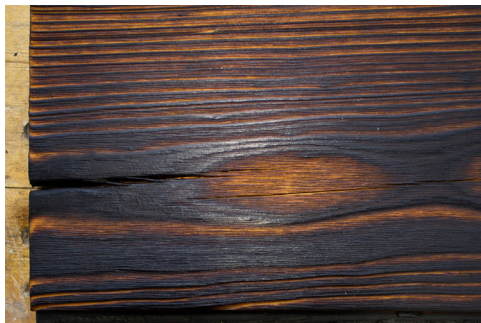
JOINERY:

Prior to installation, individual boards will need to be checked for the integrity of the joinery. The variation in the level of burning may affect the tongue and groove and may require additional attention during installation. This is not a defect, but a natural part of the charring process.

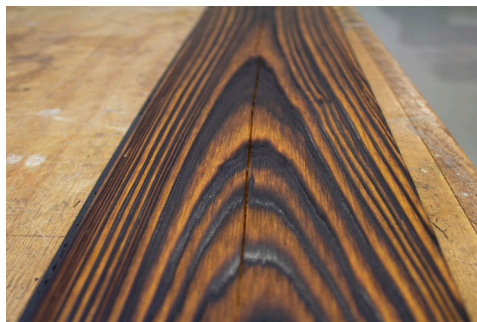
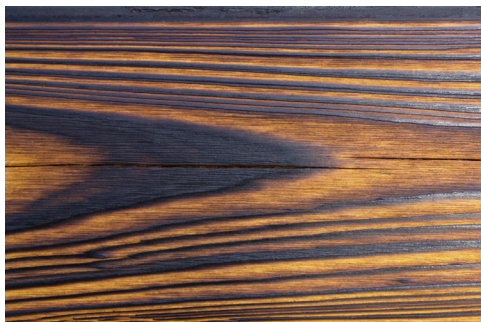
CHECKS/SPLITS:

The charring process may cause the face and/or ends of some boards to check/split. This is not a defect, but a natural part of the charring process. Splits should be cut off and the rest of the board can be used. Checks on the face of planks is to be expected due to the charring process and so long as they are only superficial are acceptable to install. reSAWN recommends an increased waste factor of 15% so a greater amount of discretion can be used in the evaluation process.

SPLITS:



CHECKS:



CYPRESS GRADES + PERFORMANCE:

All of our CHARRED cypress designs are sampled on SELECT grade Cypress. GRADE applied to an order as a whole, not individual pieces. The higher the grade, the better it is felt the wood will perform, especially in exterior applications. As such, for exterior applications we only offer Select/Better Cypress. For interior applications, we offer #2 Common and Select grades.

SELECTS & BETTER: *

The Selects & Better grade is of the highest quality and should be specified for any use where appearance is of the utmost importance, such as paneling, flooring, partition, etc. Graded from better face with reverse side not below No. 1 Common.

Sapwood no defect.

Pieces 6" and wider admit:

- Split equal to the width of board in the aggregate.
- Light stain

Defects Allowed: Pieces

- 6" wide – 1 medium knot
- 7" – 9" wide - 2 medium knots
- 10" and wider – 3 medium knots allowing one additional knot for every 3" in width.

Note: Medium knot is from 3/4" – 1 1/2" average diameter and No. 2 Common must be sound except in 10" and wider lumber, one unsound medium knot permitted.

Defects which can be substituted for 1 medium knot:

- 3 Pin Knots – pin knot is 1/2" average diameter or less.
- 2 Small Knots – small knot is 1/2" - 3/4" A.D.
- 3 Medium Surface Checks – 1 medium surface check is 4" - 10" Long and 1/32" Wide
- 1 Slight Manufacturing Defect as defined in Par. 50, 51, 54, 59, 61, 62.
- Fine Shake (Par. 64) equal to the width of the board.
- 10" and wider pieces allow 2 pin worm holes for each lineal foot.

NO. 2 COMMON (for interior applications only) *

The commons are a staple grade useful for all types of general construction, finish, trim, pattern stock, and other uses where ordinary tree characteristics either enhance the appearance of the piece or do not restrict the appropriate application of the piece.

Admits any number of the following or equivalent: checks, slight peck, pin worm holes.

Medium manufacturing defects as defined in paragraphs 50, 51, 55, 60, 61 and 62.

Admits: unlimited diameter sound or (unsound knots), pith knots, slight peck, shake and checks.

Defect graded from standpoint of strength.

Must be suitable for ordinary fencing or dimension purposes in its full width and length.

Split equal to the length of piece in inches.

Pith is admitted.

No open holes are permitted.

Any unsound knot must not impair the strength of the piece.



SELECT CYPRESS



#2 COMMON CYPRESS

ACCOYA GRADE + PERFORMANCE:

All of our CHARRED Accoya® designs are on SELECT grade Accoya® wood. Grade applies to an order as a whole, not individual pieces. The higher the grade, the better it is felt the wood will perform, especially in exterior applications.

SELECT (A1)

The Select grade is of the highest quality and should be specified for any use where appearance is of the utmost importance, such as paneling, flooring, partition, etc. Four sides primarily clear with total allowance of the following:

Pieces less than 2" thick:

- Up to three of the following defects or equivalents:
 - Knot (pin): 1/3" or less
 - Bark or resin pocket: 1/3" wide, 2" long, or equivalent

Resin Streaks:

- Three up to 1/3" wide, 4" long, or equivalent, slightly more for a short distance

Surface Checks:

- Three up to 1/16" wide, 10" long or equivalent, slightly more for a short distance.
- For boards 8-12" wide the following additional allowance applies: Up to 1 surface check per 2" width, no wider than 1/16", 10" long or equivalent, slightly more for a short distance.

Splits:

- Short split, up to width of board and not to exceed 8"

Needle fleck/Bird eye:

- Medium bird's eye or fleck.

Wane:

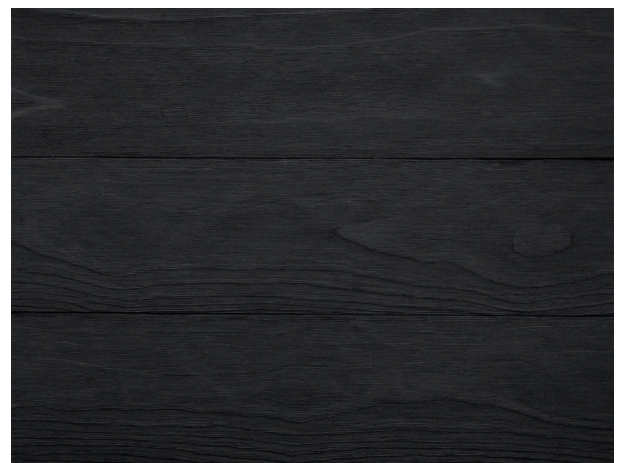
- Up to 1/3" in depth, 1/4 length of board or equivalent, slightly more for short distance. Transport damage is permitted within the same wane limits.

KEBONY - GRADE + PERFORMANCE

KEBONY CLEAR - Produced from FSC® certified Radiata Pine. Kebony Clear products can be cross-cut to length. Exposed end-grain after cross-cutting must be treated with a wood preservative.



NIGIRI - SELECT GRADE ACCOYA



NATT - SELECT GRADE KEBONY

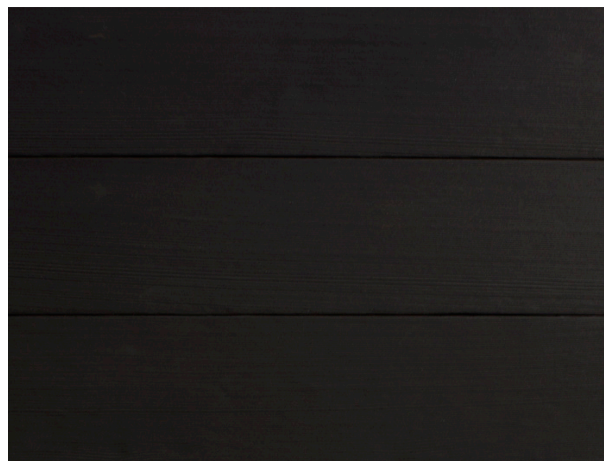
CEDAR - GRADE + PERFORMANCE

SELECT TIGHT KNOT (STK) - Knots, burls and naturally occurring markings which are of fairly uniform distribution and add to the decorative character of the piece. Sound, tight knots: star checked and/or slightly chipped knots permitted. Rustic in appearance.

CLEAR VERTICAL GRAIN (CVG) - Smooth face of decay resistant heartwood. Free from growth characteristics. Uniform and consistent in appearance.



WESTERN RED CEDAR
SELECT TIGHT KNOT (STK)



WESTERN RED CEDAR
CLEAR VERTICAL GRAIN (CVG)

ADDITIONAL OFFERINGS and GRADE + CUT specifications:

KURUMI is offered in SELECT grade or CHARACTER grade North American black walnut.

KINOKO is a shou sugi ban product on reclaimed hemlock. We are pleased to be able to make shou sugi ban on a reclaimed wood species. Expect a good deal of character including large knots and checks.

We recommend ordering 10, 20 or 40 sf of **MOCK UP** sample material prior to full order for both viewing appearance/grade and for installers to become accustomed to working with these materials - contact reSAWN TIMBER co. for more information on the **MOCK UP PROGRAM**. For all orders, approximately 8 lf of samples will be sent for approval and (1) 12" piece will need to be signed and returned back to reSAWN TIMBER co. We recommend ordering a waste factor of 15% with all CHARRED materials.

INSTALLATION GUIDELINES

PLEASE REFER TO ONE OF THE FOLLOWING INSTALLATION GUIDELINES FOR RECOMMENDED INSTALL METHODS:

INTERIOR WALL CLADDING

CHARRED INTERIOR WALL CLADDING (available for download at resawntimberco.com)

FLOORING

ENGINEERED (available for download at resawntimberco.com)

EXTERIOR SIDING

EXTERIOR SIDING (available by contacting reSAWN at 215 709 2001 or info@resawntimberco.com)

CARE + MAINTENANCE GUIDELINES

WEAR:

These materials are meant to age in place and will weather naturally over time. Exterior materials can be sprayed down with a hose and brushed with a soft bristle but are not meant to be power washed.

MAINTENANCE:

Proper maintenance starts with visual inspection. A time frame of two (2) – three (3) years on the south and west exposures and three (3) – four (4) years on the north and east exposures can be used as a general guideline. However, as weathering, exposure conditions, altitude, and applications can vary, maintenance may be needed sooner and should be performed when visually necessary, regardless of time frame. After the initial recoating, the time frame between recoatings will likely extend as additional applications of finish are absorbed into the wood. For CARE + MAINTENANCE, our exterior products can be divided into 3 categories with different expectations and maintenance:

1. FULLY CHARRED - MATSU (Accoya)

These materials are fully charred and then finished without brushing off the soft charcoal layer. This charcoal layer is a sacrificial wear layer that will flake over time to reveal blackened wood underneath with variations in color from grey to brown tones and over time more grey tones (see example below). A reapplication of the top coat will aid in arresting the degradation of the charcoal.



MATSU - ACCOYA
AS DELIVERED



MATSU - ACCOYA
WEATHERED EXTERIOR INSTALL

2. BRUSHED designs - examples include KUJAKU 3.0, HAYWARD, AKA, etc.

These designs have been brushed to remove some of the charring, revealing the wood grain and then sealed. The residual charcoal on the charred grain can be expected to fade over time. Because of this, the original aesthetic should not be expected to be maintained. A top coat will need to be re-applied - this can either be the original color or a clear finish depending on your desired look - a small inconspicuous area should be tested prior to recoating. The exposed wood grain will fade naturally to grey. This is not a defect, but a natural process of wood.



KUJAKU 3.0 - CYPRESS
AS DELIVERED



KUJAKU 3.0 - CYPRESS
WEATHERED EXTERIOR INSTALL

3. BRUSHED CHARRED BLACK designs - examples KOI, MONOGATARI 2.0, DUNCAN 2.0, PACKARD 2.0 and KURO

These products include exposed wood which has been prefinished with a black exterior top coat. Despite this top coat, the exposed wood will naturally patina over time. The black top coat can be reapplied to refresh the black appearance. A top coat will need to be re-applied - this can either be the original color or a clear finish - a small inconspicuous area should be tested prior to recoating. The exposed wood grain will fade naturally to grey.



MONOGATARI - CYPRESS
AS DELIVERED



MONOGATARI - CYPRESS
WEATHERED EXTERIOR INSTALL (NO TOP COAT REAPPLIED)

We cannot guarantee against wear or color changes to any products which result from weather, sun, wind and/or the natural aging process of the wood.

GENERAL FASTENER RECOMMENDATIONS:

Please refer to reSAWN's Exterior Install Guidelines for a recommendation on all fasteners and installation methods.

TOUCH UP KITS:

Touch Up Kits are available for purchase through reSAWN. These are intended for fixing minor scratches incurred during or immediately post-install - **NOT MEANT FOR SEALING THE ENDS**. Please contact reSAWN for more information on available sizes and prices of touch up kits.

WOOD MOVEMENT

Wood is naturally hygroscopic meaning it responds to changes in temperature/humidity by growing/shrinking across all three dimensions. Any exterior wood siding will naturally move in response to its environment. This movement may result in cupping, bowing, twisting and/or checking of the wood planks. **We cannot guarantee against cupping, bowing, twisting, checking, etc.**

With the exception of Accoya® and Kebony® wood products, these materials are sold without warranty, either expressed or implied. Please contact reSAWN TIMBER co. for more information on Accoya® wood's 50-yr above ground, and 25-yr at/below ground warranty and Kebony® wood's 30-yr above ground warranty. Warranty is on the wood only - not the finish.

By signing below, I acknowledge that I have read and accept reSAWN TIMBER co.'s CHARRED usage guide and installation guidelines:

Print Name: _____

Signature: _____

Date: _____