

IMPORTANT: This Usage Guide is in reference to NON-CHARRED designs only. See our **CHARRED Usage Guide for specific information on our shou sugi ban **CHARRED** materials.**

All of our **EXTERIOR** products are **MADE in the USA**, at our facility in Telford, PA. Committed to providing the highest performing materials, our weathered products consist of domestic cedar species and modified Kebony and Accoya woods. 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-user reads and understands this document and the applicable install guide **BEFORE** materials are ordered.

APPLICATIONS:

- Cedar, Accoya and Kebony designs are suitable for EXTERIOR and INTERIOR applications including walls, ceilings, millwork (not suitable for flooring).
- VEI, MORO and KOWHAI are able to be used as DECKING, EXTERIOR CLADDING, and INTERIOR CLADDING

STANDARD DIMENSIONS & MILLING:

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 ATLANTIC WHITE CEDAR: +/- 3/4" 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 ALASKAN YELLOW CEDAR: +/- 3/4" 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 ACCOYA WOOD: +/- 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 +/- 5-3/4" 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

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 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 FINISHING PROCESS ***

SEALING:

INTERIOR products are sealed on **FACE ONLY**
EXTERIOR applications require sealing on **ALL 4 SIDES**
VEI, MORO and KOWHAI (only) are unfinished and meant to weather in place

Minimum Order Quantity = 100 sf

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

MATERIAL CONSIDERATIONS

VARIATIONS:

The finishing process is performed 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 reacts to the 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, and character will vary between individual boards on a project and will never be an exact match to samples/photos.

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.

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.

ALASKAN YELLOW CEDAR

Sourced along the Pacific coast from Alaska to Oregon, Alaskan Yellow Cedar is well known as the hardest cedar in the world. It's slow growth rate makes it highly resistant to disease and decay. It also has a high degree of stability. We chose Alaskan Yellow Cedar for its ability to accept and hold finishes, which made it a perfect species for our weathered designs. The weathered designs provide an exterior material that will have minimal aesthetic variation throughout its installation.

ATLANTIC WHITE CEDAR

Grown along the Atlantic coast from Maine to Florida, Atlantic White Cedar is widely used as exterior siding material for its decay resistance and durability. We chose the domestic softwood for its ability to accept and hold finishes, which made it a perfect species for our weathered designs. The weathered designs provide an exterior material that will have minimal aesthetic variation throughout its installation.

WESTERN RED CEDAR

Western Red Cedar is a world renowned exterior siding material. The North American softwood is known for its natural beauty and durability. Its ability to accept various finishing techniques has made it an ideal species for reSAWN's EXTERIOR finishes.



**WESTERN RED CEDAR
SELECT TIGHT KNOT (STK)**



**WESTERN RED CEDAR
CLEAR VERTICAL GRAIN (CVG)**

ACCOYA GRADE + PERFORMANCE:

All of our Accoya® designs are on SELECT grade Radiata Pine. 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.



KOWHAI - SELECT GRADE ACCOYA



VEI - SELECT GRADE KEBONY

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 non-charred EXTERIOR products can be divided by species with different expectations and maintenance:

1. WESTERN RED CEDAR (SANTA ANA, KONA, WHISTLER and ROSLYN) and ALASKAN YELLOW CEDAR (WILLIWAW)

Unfinished cedar tends to weather unevenly due to varying climate and weather conditions. reSAWN’s weathered materials (SANTA ANA, KONA and WILLIWAW) are designed to combat an unappealing aesthetic by providing a weathered look at installation. A commonly used exterior material, western red cedar contains natural characteristics that resist decay caused by rot, insects, and moisture.



KONA - WESTERN RED CEDAR
AS DELIVERED



KONA - WESTERN RED CEDAR
WEATHERED EXTERIOR INSTALL



WILLIWAW - ALASKAN YELLOW CEDAR - AS DELIVERED



WILLIWAW - ALASKAN YELLOW CEDAR - WEATHERED EXTERIOR INSTALL

2. ATLANTIC WHITE CEDAR - ZEPHYR, ROARING 40s, LEVANTERA, and BRIZA

Receiving the highest rating in durability and decay resistance from the U.S. Forest Products Laboratory, Atlantic white cedar is a frequently used exterior cladding material. Similar to western red cedar, unfinished Atlantic white cedar weathers to a silvery-grey color at a rate that depends on weather and climate conditions. reSAWN’s finishing process creates an aesthetic that resembles a weathered look at installation with little change as it ages.



ROARING 40s - ATLANTIC WHITE CEDAR - AS DELIVERED



ROARING 40s - ATLANTIC WHITE CEDAR - WEATHERED EXTERIOR INSTALL



BRIZA - ATLANTIC WHITE CEDAR - AS DELIVERED



BRIZA - ATLANTIC WHITE CEDAR - WEATHERED EXTERIOR INSTALL

CARE + MAINTENANCE GUIDELINES (cont.)

3. KEBONY -HALLO, MORO, VEI & TAKK Kebony is a natural wood product for outdoor applications and its appearance will therefore be influenced by local environmental conditions over time. Usually, color changes and checking, or small surface cracks, will occur due to natural weathering. While Kebony wood’s aesthetic will change with time, its performance characteristics will not.



VEI - KEBONY
AS DELIVERED



VEI - KEBONY
WEATHERED EXTERIOR INSTALL



TAKK - KEBONY
AS DELIVERED



TAKK - KEBONY
WEATHERED EXTERIOR INSTALL

4. ACCOYA - KOWHAI

Because Accoya has a very high resistance against rotting, a popular choice is to use it in various applications uncoated, and left to weather naturally to a silvery-gray color. This graying of the surface of unprotected wood exposed to outdoor circumstances is caused by UV. The rate of weathering will vary according to the amount of UV, elevation on a building, the surroundings, and the surface structure. Depending on aforementioned influences, Accoya will gray out at a similar rate as most other wood species. Partial shading of a surface will lead to uneven graying.



KOWHAI - ACCOYA
AS DELIVERED



KOWHAI - ACCOYA
WEATHERED EXTERIOR INSTALL

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.

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

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

EXTERIOR SIDING

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

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 EXTERIOR usage guide and installation guidelines:

Print Name: _____

Signature: _____

Date: _____