



reSAWN TIMBER CO.TM

USAGE GUIDE



HOW TO USE THIS GUIDE:

Our designs have been carefully developed using modern finishes and incorporating our many years of experience in the architectural and design specification market. It is essential that these unique materials are 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 installation guidelines BEFORE materials are ordered.**

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The information in this section applies to all products and should be read and understood by all parties.

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2. SPECIES SPECIFIC INFORMATION:

The information in this section is categorized by species. Please be sure to thoroughly read the sections that apply for all the product species you are purchasing.

Information for each species includes:

- Special Material Considerations
- Applications
- Finishing Details
- Warranty Statement
- Technical Specifications

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Interior Only CHARRED materials:		
KINOKO, KITTITAS, KITSAP, YAKIMA, and KAIZEN	Page <u>13</u>

By signing this document, you acknowledge that you have read and accept the information for all the materials you are purchasing.

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MATERIAL CONSIDERATIONS

DIMENSIONAL VARIATIONS

Although our materials are milled and finished in a controlled environment, wood is a natural material that may have slight dimensional Variations. Our products are machined to standard dimensions, but the finishing process could affect material thickness and width. 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.

NOTE: Actual thickness and width may vary by 1/16”.

APPEARANCE 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 the 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.

NOTE: Color, grain pattern, and character will vary between individual boards on a project and will never be an exact match to samples/photos.

WOOD MOVEMENT

Wood is naturally hygroscopic meaning it responds to changes in temperature/humidity by growing/shrinking across all three dimensions. All 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.

NOTE: We cannot guarantee against cupping, bowing, twisting, checking, etc.

MARKINGS

For some products, the finishing process may make it difficult to identify the face of the boards from the backs. To assist users in designating faces from backs, reSAWN TIMBER co. applies a broad, permanent black line down the back of the board. Improper storage could lead to markings damaging the face of the boards. Refer to Installation Guidelines for proper storage procedures.

NOTE: reSAWN TIMBER co. is not responsible for any damages related to improper storage.

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SPECIAL CHARRED MATERIAL CONSIDERATIONS

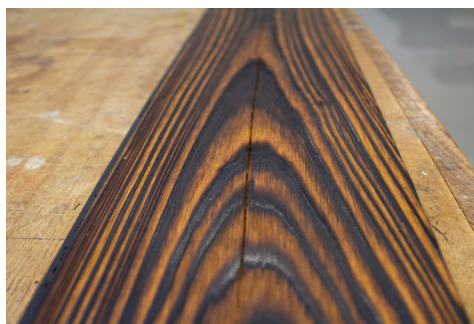
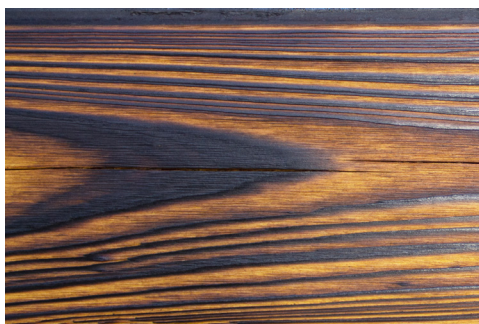
JOINERY

Prior to installation, individual boards 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 - the rest of the board can be used. Checks on the face of planks are to be expected due to the charring process and so long as they are only superficial are acceptable to install. reSAWN recommends a waste factor of 15%, so a greater amount of discretion can be used in the evaluation process on-site.

CHECKS



SPLITS



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ADDITIONAL REFERENCES

INSTALLATION GUIDELINES

Please refer to one of the following Installation Guidelines for recommended install methods:

INTERIOR WALL CLADDING

INTERIOR CHARRED WALL CLADDING

INTERIOR ENGINEERED FLOORING

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

GENERAL EXTERIOR FASTENER RECOMMENDATIONS

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

EXTERIOR SIDING WEATHERING + MAINTENANCE GUIDELINES

Weathering + Maintenance Guidelines for the specific product you are purchasing will be provided at the time of purchase. They are also available by contacting reSAWN at 215 709 2001 or sales@resawntimberco.com

TECHNICAL SPECIFICATIONS

Technical specifications include grade information and standard dimensions along with other relevant technical information by species. See link on each species page to view the technical specifications or visit our website at resawntimberco.com.

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ABODO WOOD - SPECIAL MATERIAL CONSIDERATIONS

ABODO VULCAN CLADDING

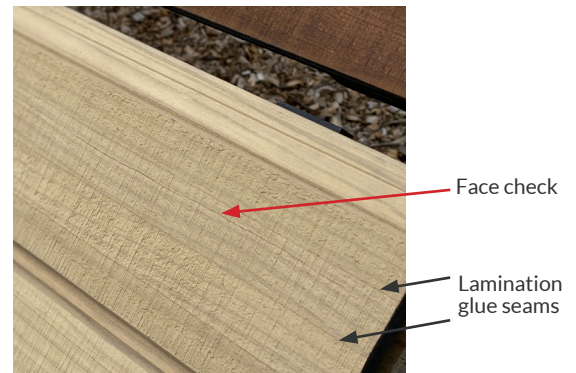
Vulcan Cladding is created from thermally modified New Zealand plantation timber. The thermal modification process and vertical grain structure means Vulcan Cladding has enhanced stability, reduced resin content, is a beautiful homogeneous brown color, and is naturally durable so it does not require any chemical preservatives.

FIBER PULL AT THE LAMINATED GLUE LINES (APPLIES TO VERTICAL GRAIN ONLY)

Fiber pull at the laminated glue lines is possible. This is not a defect, but the natural processes of wood. See **Intertek Report for ASTM D5824 - Delamination Resistance** showing 0 delamination across several samples (available for download at resawntimberco.com).

SURFACE CHECKING (APPLIES TO CLEAR VERTICAL GRAIN, LIGHT CHARACTER, AND FLAT SAWN)

Face checking may be observed on the face of Abodo Vulcan Cladding. Checks on the face of planks are to be expected and are acceptable to install. Checking may become more apparent as materials weather naturally in place. This is not a defect and is unrelated to the glue lamination, but rather it is a natural part of the wood.



ABODO VULCAN DECKING

Abodo Vulcan Decking is created from thermally modified New Zealand plantation timber and then treated with an organic preservative system that includes a water repellent for superior durability. The thermal modification process means Vulcan Decking has enhanced stability, reduced resin content and is a beautiful homogeneous brown color. Abodo Vulcan Decking is prefinished with 1-coat of **CLEAR Protector** on all 4 sides by reSAWN. The second coat of finish needs to be applied on site by the installer post-install.

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ABODO WOOD

APPLICATIONS:

- Abodo Vulcan Cladding is suitable for EXTERIOR applications only with the exception of STERLING KERERŪ, OSPREY and EGRET which can be used on exterior and interior walls, ceilings, and millwork (not suitable for flooring).
- Abodo Vulcan Decking is designed to be used for decking applications only.

STANDARD FINISH AND SEALING:

- GRAPHITE, GRAPHITE LC, MYNAH, NERO, NERO LC, PATINA, PATINA LC, PEARL, PEARL LC, STRAW, STRAW LC, TEAK, TEAK LC, TUI, WALNUT, WALNUT LC, WARBLER, WEKA, NATURAL, NATURAL LC, TAUHARA, CALDERA, TARANAKI, GISBORNE, CANTERBURY, MANAWATU, WAIKATO and KĀREAREA are finished on the face only, sealed on the back and 2 long edges. 1-coat of finish is factory applied; the second coat needs to be applied to the face only on site by the installer post-install.
- Coverage rate for 2nd coat for GRAPHITE, MYNAH, NERO, PATINA, PEARL, STRAW, TEAK, TUI, WALNUT, WARBLER, and WEKA = 80-100 sq.ft. per liter (320-400 sq.ft. per 4 liter container)
- STERLING and KERERŪ are finished on the face only for INTERIOR applications
- STERLING, KERERŪ, OSPREY, and EGRET are finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications
- SiOO:X is finished on the face only, sealed on the back and 2 long edges.
- Abodo Vulcan Decking is finished on the face only, sealed on the back and 2 long edges. 1-coat of finish is factory applied; the second coat is to be applied to the face only on site by the installer.
- **reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, for exterior applications, all ends, field cuts, and exposed wood MUST be sealed on site by the installer. See reSAWN's Exterior Installation Guidelines for more info.**
- Abodo Vulcan Decking ends, field cuts, and exposed wood must be sealed using a treated sealer. We recommend [Copper-Green Brown Wood Preservative](#).

WARRANTY

- [15-yr warranty on Vulcan Cladding](#)
- [25-yr warranty on Vulcan Decking](#)
- Terms and conditions apply - please contact reSAWN for full warranty details
- **Warranties are on the wood only - not the finish**

TECHNICAL SPECIFICATIONS

- [Vulcan Cladding Tech Specs](#)
- [Vulcan Decking Tech Specs](#)
- [Abodo Finish Tech Specs](#)
- [Abodo End Sealer Tech Specs](#)

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ACCOYA SPECIAL MATERIAL CONSIDERATIONS

ACCOYA

Accoya wood is the result of decades of research and development that has brought together a long-established, extensively proven wood modification technique and leading-edge patented technology – acetylation. Acetylation creates a high performance wood, ideal for challenging applications.

STICKER STAINS



- Sticker stains are caused by separating planks with sticks (or ‘stickers’) during the process of acetylation.
- For Accoya designs finished with lighter, transparent top coats—such as ELOW, OLYTH, WHITNOR, MESADÉ, GLACIE, ARK, ZETHYN, and YOSÉ—sticker stains will be visible from day one. After approximately two months of weathering, the visual contrast will fade and become less noticeable.

THROUGH BODY COLOR ACCOYA



- The following applies to OXFORD, MARENGO (shown), and GREY MATTER.
- Heartwood can be less receptive to color due to density & treatability.
- Difference in wood grain can result in different tone of grey
- Resin streaks can be present when the resin in the wood is less receptive to the color
- These differences in color typically blend over time with exposure to UV

THROUGH BODY COLOR ACCOYA



- Through Body Color Accoya is non-toxic and therefore has no effect on resistance to surface molds and algae.
- In some environments, especially in humid and shaded areas, there is a greater risk of mold and algae growth on Through Body Color Accoya, including OXFORD (shown), MARENGO, and GREY MATTER, as is also the case with other decking products. This has no impact on durability.
- Regular cleaning can help mitigate the build up of mold and algae. Surface mold development can further be reduced or delayed by decreasing the level of moisture the wood is subject to or by application of a solution with an appropriate moldicidal efficacy (e.g. biocidal clear primer).

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ACCOYA SPECIAL MATERIAL CONSIDERATIONS - cont.**APPLICATIONS:**

- IKIGAI, EVERRA, NIGIRI, KALĀ, UNAGI 2.0, SAMITTO, GREY MATTER, MARENGO, SHENOR, VOYA, WHITNOR, MESADÉ, ELOW, OLYTH, SEQOYA, REDYN, GLACIE, DENALI, ZETHYN, ARK, ALLETH, KATMOR, and YOSÉ are for use on exterior and interior walls, ceilings, and millwork (not suitable for flooring).
- MATSU is suitable for interior wall cladding in low-contact areas.
- MATSU 2.0 is suitable for exterior cladding only (not appropriate for interior applications).
- KOWHAI and OXFORD are appropriate for interior or exterior wall cladding and exterior decking.

STANDARD FINISH AND SEALING:

- MATSU 2.0 will require the installer to apply a top coat of finish, post-install.
- KOWHAI, OXFORD, MARENGO, AND GREY MATTER are unfinished and do not require sealing during install.
- IKIGAI, EVERRA, NIGIRI, KALĀ, UNAGI 2.0, SAMITTO, SHENOR, VOYA, WHITNOR, MESADÉ, ELOW, OLYTH, SEQOYA, REDYN, GLACIE, DENALI, ZETHYN, ARK, ALLETH, KATMOR, and YOSÉ are finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications.
- IKIGAI, MATSU, NIGIRI, and SAMITTO are finished on the face only for INTERIOR applications.
- KALĀ, UNAGI 2.0, ALLETH, SHENOR, EVERRA, VOYA, WHITNOR, MESADÉ, ELOW, OLYTH, SEQOYA, REDYN, GLACIE, DENALI, ZETHYN, ARK, KATMOR, and YOSÉ are finished on the face only, sealed on the back and 2 long edges for INTERIOR applications.
- Coverage Rate for MATSU 2.0 top coat = 75 sq. ft. per liter (300 sq. ft. per 4 liter container).
- **reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, all ends, field cuts, and exposed wood MUST be sealed on site by the installer (with the exception of KOWHAI and MATSU 2.0). See reSAWN's Installation Guidelines for more information.**

WARRANTY

- 25-yr warranty when used below ground
- 50-yr warranty when used above ground
- Terms and conditions apply - please contact reSAWN for full warranty details
- **Warranties are on the wood only - not the finish**

THROUGH BODY WARRANTY

- Commercial Warranty: 10 year warranty on decking; 50 year warranty on cladding, trim, and millwork
- Residential Warranty: 25 year warranty on Decking; 50 year warranty on cladding, trim, and millwork (except in Florida - for Florida, commercial warranty length applies)
- Terms and conditions apply - please contact reSAWN for full warranty details

TECHNICAL SPECIFICATIONS

- Accoya Tech Specs
- Protector Tech Specs

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KEBONY WOOD

Developed in Norway, the Kebony technology is an environmentally friendly, patented process, which enhances the properties of sustainable softwood with a bio-based liquid. The process permanently modifies the wood cell walls giving Kebony premium hardwood characteristics and a rich brown color. After exposure to sun and rain the wood develops a natural silver-gray patina. Performance is maintained, while beauty is enhanced. Kebony is available in select grade.

APPLICATIONS:

- KOS, VETTE, NATT, SVERTE, and VEI are for use on exterior and interior walls, ceilings, and millwork (not suitable for flooring)
- KOS Classic, VETTE Classic are for use as exterior cladding only (not appropriate for interior applications)
- VEI is appropriate for DECKING

STANDARD FINISH AND SEALING:

- KOS Classic and VETTE Classic are burnt on the face only and are intentionally not coated with a wood sealer. They do not require sealing during install.
- VEI is unfinished and does not require sealing during install.
- KOS, VETTE, NATT, and SVERTE are finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications.
- KOS, VETTE, NATT, and SVERTE are finished on the face only for INTERIOR applications.
- **reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, all ends, field cuts, and exposed wood MUST be sealed on site by the installer (with the exception of, VEI, KOS Classic and VETTE Classic). See reSAWN's Installation Guidelines for more info.**

WARRANTY

- **30-yr warranty** when used above ground - please contact reSAWN for full warranty details
- Terms and conditions apply - please contact reSAWN for full warranty details
- **Warranties are on the wood only - not the finish**

TECHNICAL SPECIFICATIONS

- Kebony Tech Specs

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CYPRESS WOOD

APPLICATIONS:

- Exterior and interior walls, ceilings, and millwork (not suitable for flooring)

STANDARD FINISH and SEALING:

- CHARRED CYPRESS is finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications.
- CHARRED CYPRESS is finished on the face only for INTERIOR applications.
- reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, all ends, field cuts, and exposed wood **MUST** be sealed on site by the installer. See reSAWN's Installation Guidelines for more info.

WARRANTY

- Cypress is sold without warranty, either expressed or implied.

TECHNICAL SPECIFICATIONS

- Cypress Tech Specs

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SYLVA™ - THERMALLY MODIFIED NORTH AMERICAN RED OAK

APPLICATIONS:

- Exterior and interior walls, ceilings, and millwork (not suitable for flooring)

STANDARD FINISH and SEALING:

- GALENA, RADNOR, WAYNE, DUBLIN, DEVON, BEDFORD, SOLEBURY, MONROE, DOYLE, MERION, and ARDMORE are finished on the face only for EXTERIOR applications. The backs of these products are intentionally not sealed.
- MONDARA is finished on the face only, sealed on the back and 2 long edges for only EXTERIOR applications.
- reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, all ends, field cuts, and exposed wood MUST be sealed on site by the installer. See reSAWN's Installation Guidelines for more info.

WARRANTY

- 25-yr warranty against rot and decay
- Terms and conditions apply - please contact reSAWN for full warranty details
- Warranties are on the wood only - not the finish

TECHNICAL SPECIFICATIONS

- Thermally Modified Red Oak Tech Specs

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CEDAR WOOD

APPLICATIONS:

- Exterior and interior walls, ceilings, and millwork (not suitable for flooring)

STANDARD FINISH and SEALING:

- CHARRED WESTERN RED CEDAR is finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications.
- CHARRED WESTERN RED CEDAR is finished on the face only for INTERIOR applications.
- WESTERN RED CEDAR and ALASKAN YELLOW CEDAR are finished on the face only, sealed on the back and 2 long edges for EXTERIOR applications.
- WESTERN RED CEDAR and ALASKAN YELLOW CEDAR are finished on the face only for INTERIOR applications.
- **reSAWN TIMBER co. does not seal any ends prior to shipment. As a result, all ends, field cuts, and exposed wood MUST be sealed on site by the installer. See reSAWN's installation guidelines for more info.**

WARRANTY

- Cedar is sold without warranty, either expressed or implied.

TECHNICAL SPECIFICATIONS

- Cedar Tech Specs

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INTERIOR ONLY CHARRED MATERIALS

APPLICATIONS:

- KAIZEN is for use on interior wall cladding, ceiling cladding, and millwork.
- KINOKO and KITTITAS are appropriate for interior wall cladding only.

STANDARD FINISH:

- Finished on face only for INTERIOR applications.

WARRANTY

- Interior Only CHARRED materials - KINOKO, KITTITAS, and KAIZEN are sold without warranty, either expressed or implied.

TECHNICAL SPECIFICATIONS

- Walnut Tech Specs
- Euro Oak Tech Specs
- RECLAIMED Tech Specs
- Western Hemlock Tech Specs

By signing below, I acknowledge that I have read and accept reSAWN TIMBER co.'s Usage Guide, Tech Specs, Weathering + Maintenance Guidelines, and Installation Guidelines:

Print Name: _____

Signature: _____

Date: _____

