

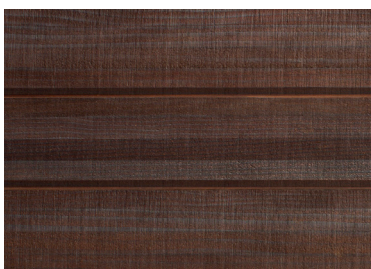
## ABODO VULCAN CLADDING TECH SPECS

### Vulcan Cladding Vertical Grain Fine Sawn Face

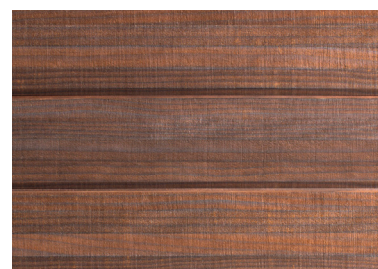
reSAWN TIMBER co.'s Abodo Fine Sawn Face Vulcan Cladding provides a unique, textured surface with beautiful grain depth. This fine sawn texture opens the wood grain to allow for optimal coating performance. Vulcan thermally modified wood cladding is created from New Zealand plantation timbers and engineered with a patented vertical grain orientation for superior weathering characteristics. All products except for EGRET and STERLING are finished with Abodo Protector Oil. EGRET and STERLING are finished with reSAWN's 0-VOC Exterior Oil.



**NERO**  
EXTERIOR CLADDING



**WALNUT**  
EXTERIOR CLADDING



**TEAK**  
EXTERIOR CLADDING



**GRAPHITE**  
EXTERIOR CLADDING



**NATURAL**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)



**PEARL**  
EXTERIOR CLADDING



**STRAW**  
EXTERIOR CLADDING



**EGRET**  
EXTERIOR CLADDING & INTERIOR  
WALL/CEILING CLADDING  
(WEATHERED 2 MONTHS)



**STERLING**  
EXTERIOR CLADDING & INTERIOR  
WALL/CEILING CLADDING



**PATINA**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)

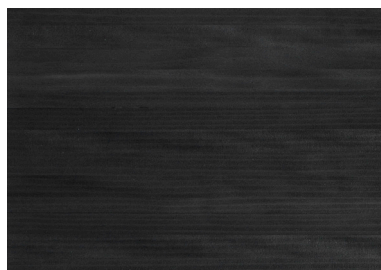


**SiOO:X**  
EXTERIOR CLADDING  
(PRE-WEATHERED)

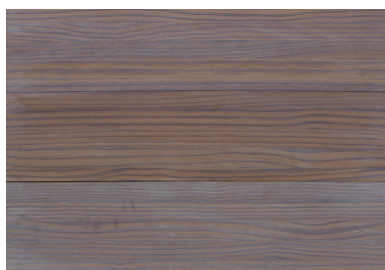
**Disclaimer:** Product photos are meant to be a general guide to product appearance only. Due to our handcrafted process and wood being a product of nature, the color, grain pattern, character and profile will vary between individual boards on a project and will never be an exact match. Images shown with 2 coat application. Colors are subject to natural weathering. Wood cladding needs UV exposure in order to achieve the weathered look. Contact reSAWN for weathering guidelines.

## Vulcan Cladding Vertical Grain Smooth Face:

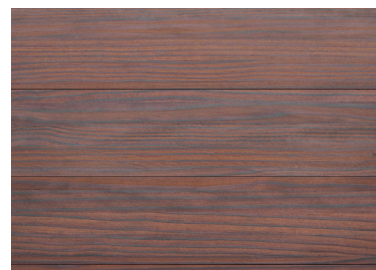
reSAWN TIMBER co.'s Abodo Smooth Face Vulcan Cladding is made using a proprietary brushing technique during manufacturing. Brushing the material opens the wood grain to allow for optimal coating performance. Vulcan thermally modified wood cladding is created from New Zealand plantation timbers and engineered with a patented vertical grain orientation for superior weathering characteristics. The brushing technique also provides a smooth, modern texture on the face of this unique clear vertical grain modified wood. All products except for OSPREY and KERERŪ are finished with Abodo Protector Oil. OSPREY and KERERŪ are finished with reSAWN's 0-VOC Exterior Oil.



**TUI**  
EXTERIOR CLADDING



**WARBLER**  
EXTERIOR CLADDING



**WEKA**  
EXTERIOR CLADDING



**MYNAH**  
EXTERIOR CLADDING



**KāREAREA**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)



**KERERŪ**  
EXTERIOR CLADDING & INTERIOR  
WALL/CEILING CLADDING



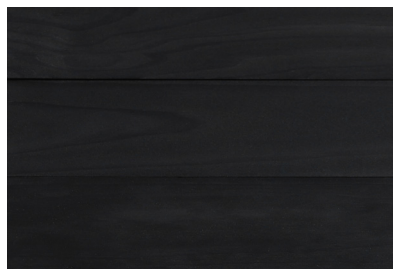
**OSPREY**  
EXTERIOR CLADDING & INTERIOR  
WALL/CEILING CLADDING  
(WEATHERED 2 MONTHS)

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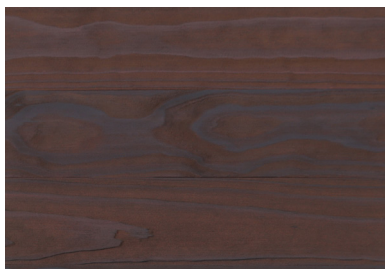


## Vulcan Cladding Flat Sawn Face

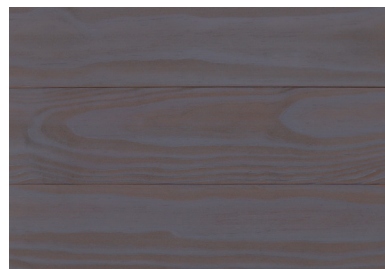
reSAWN TIMBER co.'s Abodo Flat Sawn Face Vulcan Cladding provides a high-performing exterior cladding with a unique aesthetic. The thermal modification process means Flat Sawn Vulcan Cladding has enhanced stability, reduced resin content, and is naturally durable so does not require any chemical preservatives.



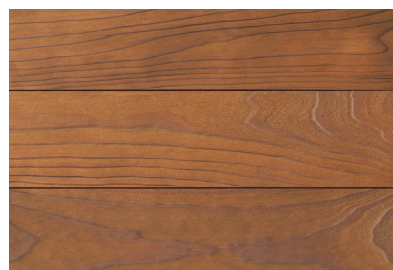
**TAUHARA**  
EXTERIOR CLADDING



**CALDERA**  
EXTERIOR CLADDING



**TARANAKI**  
EXTERIOR CLADDING



**GISBORNE**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)



**CANTERBURY**  
EXTERIOR CLADDING



**MANAWATU**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)



**WAIKATO**  
EXTERIOR CLADDING  
(WEATHERED 2 MONTHS)

**Disclaimer:** 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. Images shown with 2 coat application. Colors are subject to natural weathering. Wood cladding needs UV exposure in order to achieve the weathered look. Contact reSAWN for weathering guidelines.

## Interior Ratings

Class Rating\*: C (ASTM E84)

Flame Spread Index\*: 85 (ASTM E84)

Smoke Developed Index\*: 180 (ASTM E84)



All Abodo  
designs are  
FSC® certified

## Declare.



All Abodo  
designs are  
Red List Free

## OVERVIEW:

- Vulcan thermally modified wood cladding is created from New Zealand plantation timber for superior weathering characteristics.
- The thermal modification process means Vulcan Cladding has superior stability and reduced resin content.
- It's naturally durable so it doesn't require any chemical preservatives, and has a beautiful, consistent brown tone.
- Abodo Vulcan Cladding is suitable for EXTERIOR applications only with the exception of STERLING, OSPREY, EGRET, and KERURŪ which can be used on the exterior and interior walls, ceilings, and millwork (not suitable for flooring).

## PRODUCT SPECIFICATIONS:

- Wood species: Thermally Modified Radiata Pine (Pinus Radiata).
- Durability Class 1 (EN350-1), Class 2 above ground (AS5604).
- Outstanding dimensional stability, resulting in lower maintenance frequency and therefore less coating over the lifetime of the product.
- All Abodo wood is produced from well managed sustainable sources including FSC® and other regionally certified woods. reSAWN TIMBER co. holds FSC® Chain of Custody Certification.
- Carbon negative footprint: Each square foot of Vulcan Cladding stores ~2lbs of carbon. Abodo wood is an environmentally compatible substitute for carbon intensive materials.
- Environmentally compatible: 100% recyclable and reusable, naturally renewable.
- Warranty: 15 years against fungal decay (subject to terms and conditions).
- Moisture content: Approx. 7% MC (+/-2%) at time of shipping - does not require acclimation prior to installation.
- Hardness: Low (710 lbf) Janka.
- Density: ~ 26 lbs/ft³
- Weight: 2 lbs/sf (light weight cladding)
- Thermal properties: ~ 0.11 W/(mK)
- pH (indicative): ~3.9
- Thermally modified pine is resistant to most wood boring insects.
- Low VOC (85 g/l) for GRAPHITE, MYNAH, NERO, PATINA, PEARL, STRAW, TEAK, TUI, WALNUT, WARBLER, WEKA, NATURAL, and KāREAREA
- 0 VOC for STERLING, OSPREY, EGRET, and KERURŪ
- ASTM D5824 - Delamination Resistance
- ASTM D4442 - Moisture Content
- SFM 12-7A-1 - WUI Exterior Wall Siding and Sheathing
- Cal Fire Building Material List No. 8140-2379:0001

## VULCAN CLADDING VERTICAL GRAIN SPECIFICATIONS:

- Expected dimensional change in structure: Width expansion approx. 2%, length expansion approx. 0.25%, thickness expansion approx. 2.5% (from 7% MC to fiber saturation - variation will occur between boards).
- Vulcan Vertical Grain cladding is approx. 50% more stable than flat sawn Radiata Pine.
- Grade: Clear Vertical Grain Orientation

## VULCAN CLADDING FLAT SAWN SPECIFICATIONS:

- Expected dimensional change in structure: Width expansion approx. 2%, length expansion approx. 0.25%, thickness expansion approx. 2.5% (from 7% MC to fiber saturation - variation will occur between boards).
- Vulcan Flat Sawn cladding is approx. 30% more stable than flat sawn Radiata Pine.
- Grade: Select

\*\* All data provided by 3rd party testing by QAI Laboratories done for Abodo Wood. Contact reSAWN TIMBER co. for more information.

## PRODUCT HANDLING:

- Vulcan cladding and accessories must be kept clean, dry, under cover and out of the weather prior to installation.
- Timber must be stored horizontally on dunnage at least 4 inches off the ground.
- Extra care must be taken during installation so as not to damage the factory finish of the boards.
- Wear dust mask and eye protection when cutting timber.
- Do not burn timber that is treated for insect resistance. Dispose of off-cuts in lined land fill or an approved furnace.

## MAINTENANCE:

- Wash down every 12 months with gentle detergent, warm water and a soft brush.
- If possible, it is recommended to apply an additional coat of oil after approx. 12 months of weathering.
- Make a maintenance check every two summers. Check all vulcan cladding, junctions, flashings, moldings and replace or remediate as required to maintain weather tightness of the cladding system.
- Re-coat every 2-3 years or as required to maintain color and integrity of coating. Re-coat period may be longer or shorter depending on climatic conditions and/or positioning of cladding to the sun. Preparation with Rejuvenator or other similar oxalic timber cleaner is recommended prior to coating.
- For heavily soiled or moldy areas use Rejuvenator or similar timber cleaner, apply active moldicide and recoat with penetrating oil.
- Contact reSAWN TIMBER co. for more information on maintenance and weather of products.

## APPLICATIONS:

- EXTERIOR cladding
- INTERIOR cladding (STERLING, OSPREY, EGRET and KERURŪ )

## FINISH SPECS:

- GRAPHITE, MYNAH, NERO, PATINA, PEARL, STRAW, TEAK, TUI, WALNUT, WARBLER, WEKA, NATURAL, TAUHARA, CALDERA, TARANAKI, GISBORNE, CANTERBURY, MANAWATU, WAIKATO and KāREAREA are finished on face only, sealed on back & 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
- STERLING, OSPREY, EGRET and KERURŪ are finished on the FACE only for INTERIOR applications
- STERLING, OSPREY, EGRET and KERURŪ are finished on face only, sealed on back & 2 long edges for EXTERIOR application
- SiOO:X is finished on face only, sealed on back & 2 long edges (not appropriate for interior applications)

## INSTALL GUIDELINES:

- Rear ventilation is vital to minimize swelling & shrinking
- EXTERIOR - contact reSAWN at 215-709-2001 or [sales@resawntimberco.com](mailto:sales@resawntimberco.com)
- INTERIOR (STERLING, OSPREY, EGRET and KERURŪ only) - available at [resawntimberco.com](http://resawntimberco.com)

## VERTICAL GRAIN GRADE

- Clear Vertical Grain Orientation
- Some minor natural characteristics allowed.
- Vulcan is still a natural product, variation in color and characteristics are to be expected

## FLAT SAWN GRADE

- Select
- Some minor natural characteristics allowed.
- Vulcan is still a natural product, variation in color and characteristics are to be expected

## POSSIBLE LEED CREDITS

- SS5 - Heat Island Reduction
- MRC1 - Building Life- Cycle Impact Reduction
- MRC2 - Building product disclosure and optimization - environmental product declarations
- MRC3 - Building product disclosure and optimization - sourcing of raw materials
- MRC4 - Building product disclosure and optimization - Material Ingredients
- MR 7 - Certified Wood (FSC)
- IC1 Innovation

## PACKAGING AND FREIGHT:

- All shipments are carefully packaged on 16' pallets (Not boxed or bundled)

## Vulcan Cladding Vertical Grain Dimensions and Milling:

NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

### WB10

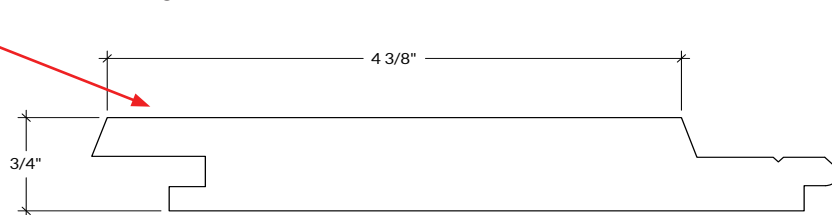
STANDARD DIMENSIONS:

+/- 3/4" thick X +/- 5" wide X 6'-16' random lengths

#### FACE:

- STERLING, GRAPHITE, NERO, PATINA, PEARL, STRAW, TEAK, WALNUT, EGRET, SiOO:X, and NATURAL have a Fine Sawn Face
- MYNAH, TUI, WARBLER, WEKA, OSPREY, KERERŪ, and KāREAREA have a Smooth Face
- Arrows indicate face of profile - be sure to install correctly

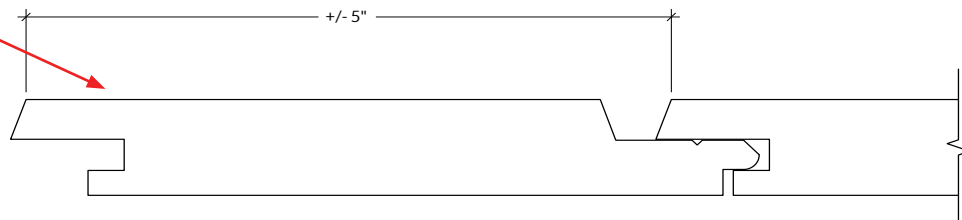
#### WB10



#### BACK:

Fine Sawn WB10 **backs** are smooth

Smooth Face WB10 **backs** are textured



## Vulcan Cladding Vertical Grain Dimensions and Milling:

NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

### TONGUE & GROOVE

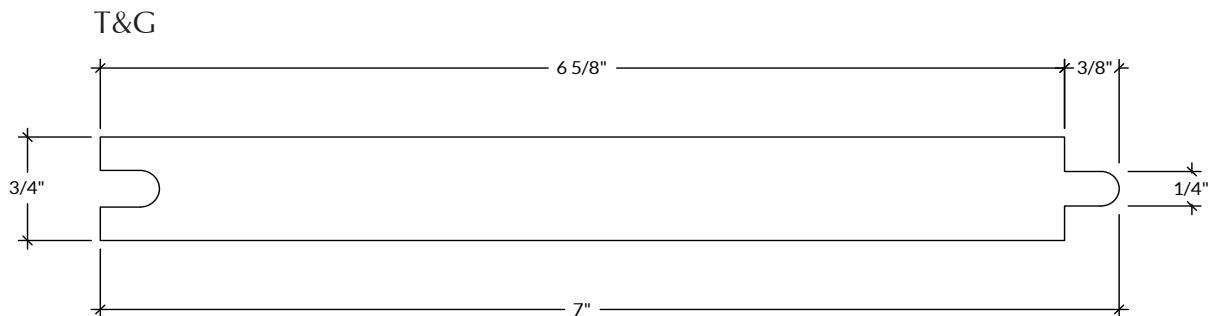
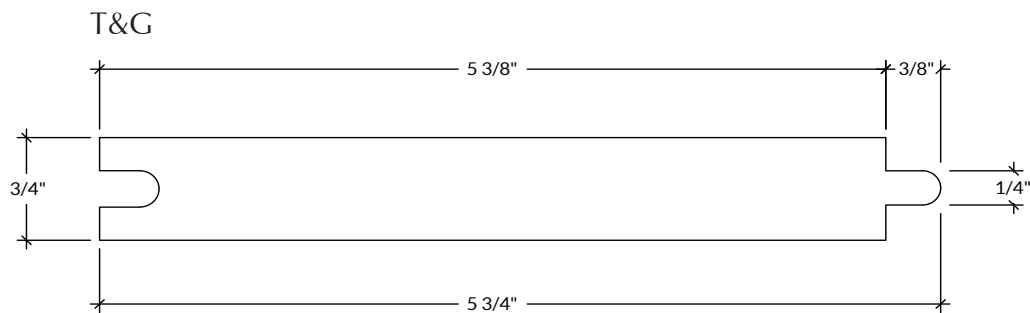
STANDARD DIMENSIONS:

+/- 3/4" thick X +/- 5-3/8" wide X 6'-16' random lengths

+/- 3/4" thick X +/- 6-5/8" wide X 6'-16' random lengths

FACE:

- STERLING, GRAPHITE, NERO, PATINA, PEARL, STRAW, TEAK, WALNUT, EGRET, SiOO:X, and NATURAL have a Fine Sawn Face
- MYNAH, TUI, WARBLER, WEKA, OSPREY, KāREAREA, and KERURŪ have a Smooth Face
- Be sure to install correctly



## Vulcan Cladding Vertical Grain Dimensions and Milling:

NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

### SEM (SQUARE EDGE MODIFIED)

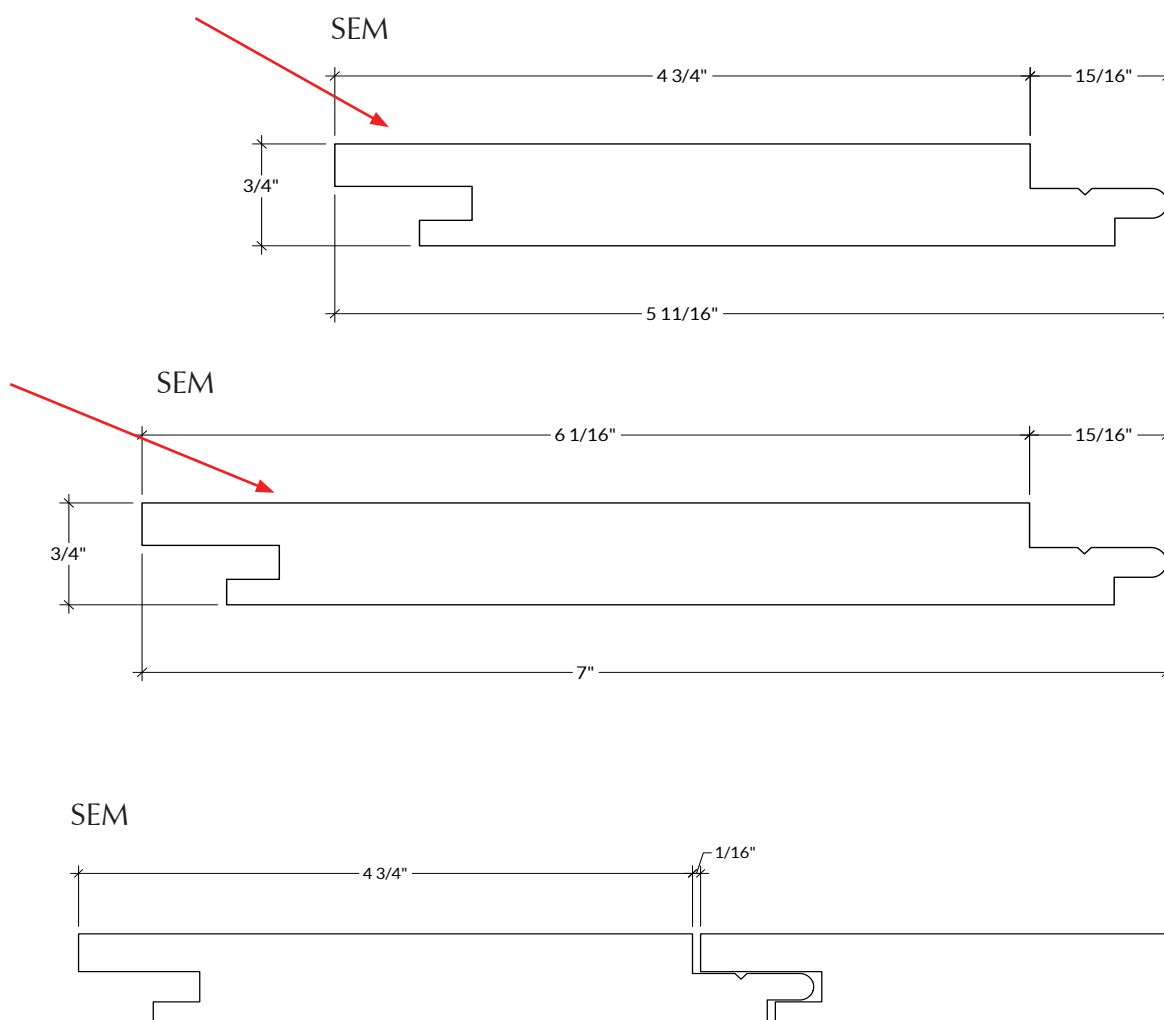
STANDARD DIMENSIONS:

+/- 3/4" thick X +/- 4-3/4" wide X 6'-16' random lengths

+/- 3/4" thick X +/- 6-1/16" wide X 6'-16' random lengths

FACE:

- GRAPHITE, NERO, PATINA, PEARL, STRAW, TEAK, WALNUT, SiOO:X, and NATURAL have a Fine Sawn Face
- MYNAH, TUI, WARBLER, WEKA, and KāREAREA have a Smooth Face
- Arrows indicate face of profile - be sure to install correctly
- These profiles are only approved for VERTICAL wall application only and should not be used in horizontal applications.





## Vulcan Cladding Vertical Grain Dimensions and Milling:

NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

### SEM-FLR (SQUARE-EDGE MODIFIED - FINE LINE REVEAL)

#### STANDARD DIMENSIONS:

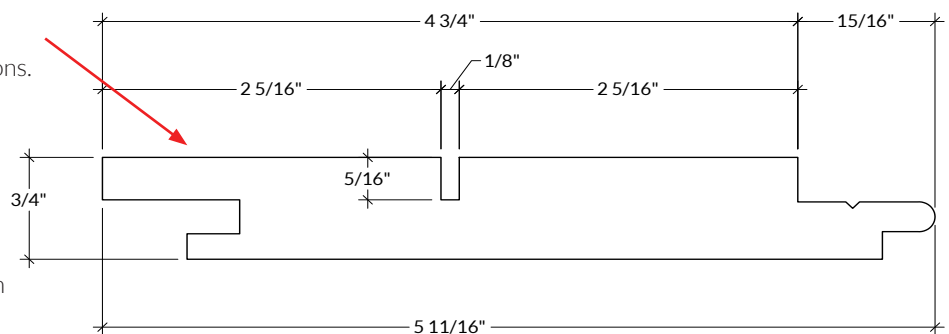
+/- 3/4" thick X +/- 4-3/4" wide X 6'-16' random lengths

+/- 3/4" thick X +/- 6-1/16" wide X 6'-16' random lengths

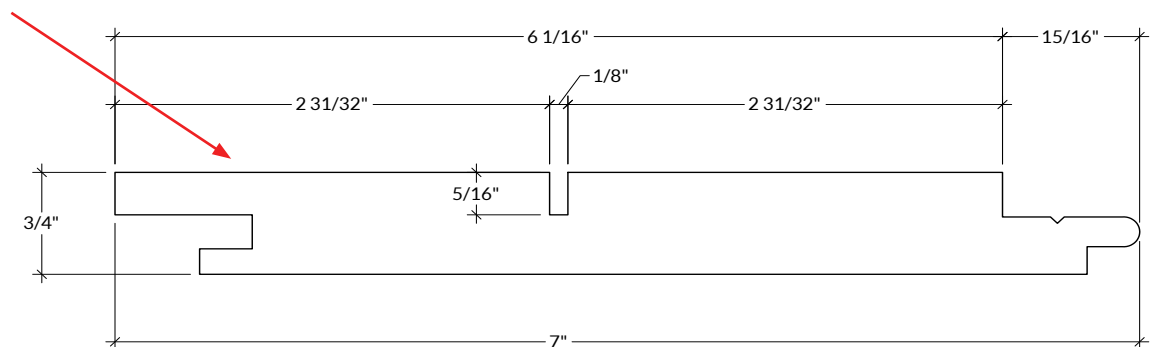
#### FACE:

- GRAPHITE, NERO, PATINA, PEARL, STRAW, TEAK, WALNUT, SiOO:X, and NATURAL have a Fine Sawn Face
- MYNAH, TUI, WARBLER, WEKA, and KāREAREA have a Smooth Face
- Not available for STERLING, EGRET, KERERŪ and OSPREY
- Arrows indicate face of profile - be sure to install correctly
- These profiles are only approved for VERTICAL wall application only and should not be used in horizontal applications.
- SEM-FLR profiles should be installed with a 1/8" expansion gap between boards. A 1/8" gap aligns with the width of the fine line cut into the face of the boards ensuring a uniform approach upon completion of installation. Typical shim used by installers to maintain 1/8" expansion gap: BARWALT SHIM

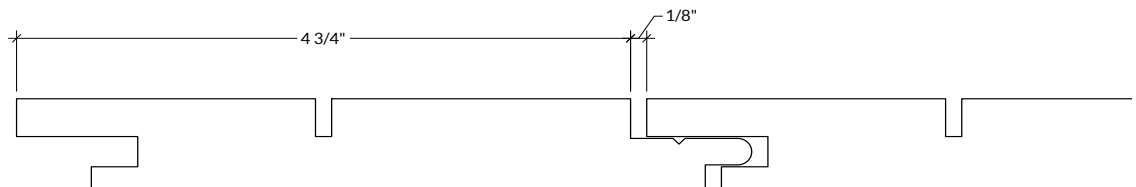
SEM-FLR



SEM-FLR



SEM-FLR



Vulcan Cladding Vertical Grain Dimensions and Milling:

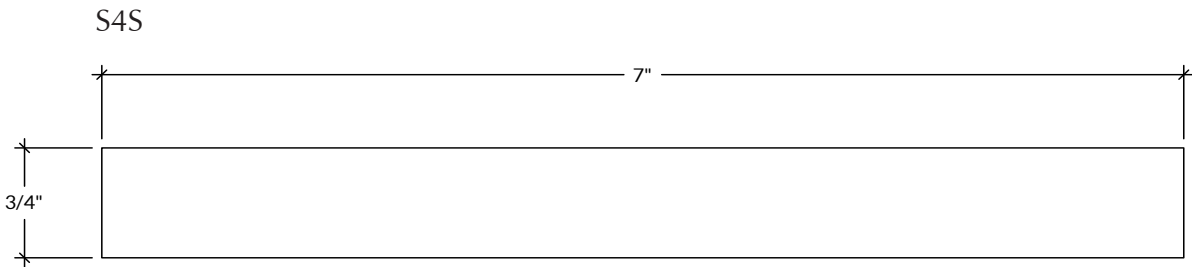
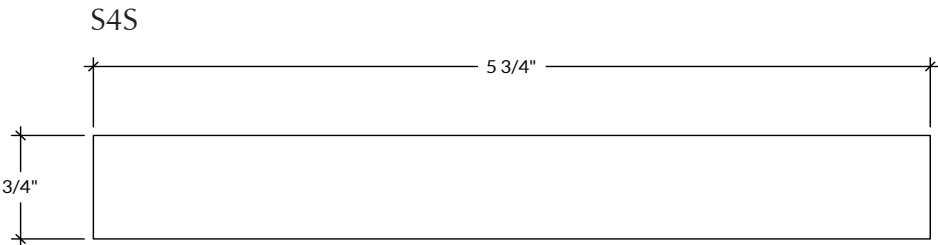
NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

S4S

STANDARD DIMENSIONS:  
+/- 3/4" thick X +/- 5-3/4" wide X 6'-16' random lengths  
+/- 3/4" thick X +/- 7" wide X 6'-16' random lengths

FACE:

- STERLING, GRAPHITE, NERO, PATINA, PEARL, STRAW, TEAK, WALNUT, EGRET, SiOO:X, and NATURAL have a Fine Sawn Face
- MYNAH, TUI, WARBLER, WEKA, OSPREY, KāREAREA, and KERURŪ have a Smooth Face
- Be sure to install correctly



## Vulcan Cladding Flat Sawn Dimensions and Milling:

NOTE: CUSTOM WIDTH, LENGTHS AND MILLINGS AVAILABLE UPON REQUEST - CONTACT reSAWN TO DISCUSS

### Tongue & Groove, S4S

STANDARD DIMENSIONS:

(T&G) +/- 3/4" thick X +/- 5-1/4" wide X 6'-16' random lengths

(S4S) +/- 3/4" thick X +/- 5-5/8" wide X 6'-16' random lengths

FACE:

- TAUHARA, CALDERA, TARANAKI, GISBORNE, CANTERBURY, WAIKATO, and MANAWATU have a Flat Sawn face with a smooth texture
- Be sure to install correctly

