



INNOVATIVE THINKING. SUSTAINABLE SOLUTIONS.

2019

ENGINEERED ARCHITECTURAL BAMBOO

LEADER IN BIO-BASED
ARCHITECTURAL
PRODUCTS & SYSTEMS

WWW.LAMBOO.US | 866.966.2999



WHO IS LAMBOO®?

Lamboo® is a US-based manufacturer and supplier of full architectural product solutions utilizing one of the most rapidly renewable resources on the planet, bamboo. Since 2007, Lamboo® has taken its initial development of structural and exterior grade products and expanded that technology into a variety of other product solutions for the architectural, building, and OEM markets.

For 2019, Lamboo® continues its focus to expand in-house capacities to allow faster processing time for common systems offered by Lamboo®, as well as create new product developments for the building and OEM markets. Some of the new services and products offered by Lamboo® are: acoustic wall and ceiling paneling, bamboo plastic composite cladding and decking, custom CNC & finishing services, and technical consultation for projects and for all product applications.



WHAT IS LAMBOO®?

Lamboo® is our brand, people, products and services that we offer to the architectural and building community. We pride ourselves in providing exceptional customer service. Lamboo® works with its customers from the beginning of a project all the way through its completion. We take this same focus into the development of our products that we offer to our clients. Lamboo® products can be manufactured to meet design requirements for interior, exterior and structural applications. We work hand in hand with architects and engineers to provide the perfect solution for their designs. Lamboo®'s natural based products are made entirely out of 100% pre-selected bamboo and utilizes specialized adhesives, binders and treatments specific to the final application of the product.

Our continued focus on product development and internal growth of our capacities will allow design professionals like yourself to have the confidence in specifying our innovative product solutions. Contact Lamboo® today and let us provide you with the quality, performance, aesthetics and true sustainability required for your next project.

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Donner Miller Residence - Okatie, SC

LAMBOO® ELEMENTS™

EXTERIOR DESIGN PRODUCTS

The Lamboo® Elements™ Series Product Line is specifically engineered for exterior projects and applications. Utilizing the inherent properties of our bamboo along with specialized adhesives, binders, and treatments, the Lamboo® Elements™ products are manufactured in dimensional lumber sizes as well as cross-laminated panels providing excellent stability and durability for most* outdoor applications.

Ideal applications: Fascia, soffit, outdoor furniture, decking, outdoor stair treads, handrails and custom applications.

WHY LAMBOO® ELEMENTS™ SERIES PRODUCTS?

High Dimensional Stability: Due to its density and mechanical values, Lamboo® is perfect for long spans and exterior applications.

Exterior Treatment: Lamboo® Elements™ products are treated with environmentally safe, exterior preservatives to help with decay & rot from the inside out.

High Yield: Lamboo® Elements™ products offer up to 98% to 99% usage avoiding the need to cut around defects found in other natural materials.

In-House Processing: Lamboo® Elements™ utilize industrial grade processing equipment providing the highest level of fabrication and finishing capacities for our customers.

PRODUCT AVAILABILITY

- Typical lumber sizes and panels
- Custom thicknesses and sizing available.
- Full fabrication and finishing services available.

**NOTE: Lamboo® products are not designed to be fully submerged into water or for below grade applications.*

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US



EXTERIOR CROSS-PLY PANELS

1/2" x 48" x 96" (3-PLY)

#VCPH-050-4896-EXT	Pre-Finished Hazel
#VCPG-050-4896-EXT	Pre-Finished Golden Honey
#VCPA-050-4896-EXT	Pre-Finished Deep Amber
#VCPF-050-4896-EXT	Pre-Finished Fawn
#VCPO-050-4896-EXT	Pre-Finished Oxford Brown

3/4" x 48" x 96" (3-PLY)

#VCPH-075-4896-EXT	Pre-Finished Hazel
#VCPG-075-4896-EXT	Pre-Finished Golden Honey
#VCPA-075-4896-EXT	Pre-Finished Deep Amber
#VCPF-075-4896-EXT	Pre-Finished Fawn
#VCPO-075-4896-EXT	Pre-Finished Oxford Brown

1" x 48" x 96" (3-PLY)

#VCPH-100-4896-EXT	Pre-Finished Hazel
#VCPG-100-4896-EXT	Pre-Finished Golden Honey
#VCPA-100-4896-EXT	Pre-Finished Deep Amber
#VCPF-100-4896-EXT	Pre-Finished Fawn
#VCPO-100-4896-EXT	Pre-Finished Oxford Brown

**All materials are available unfinished or pre-finished in the colors listed.*

LEED® v4 CREDITS

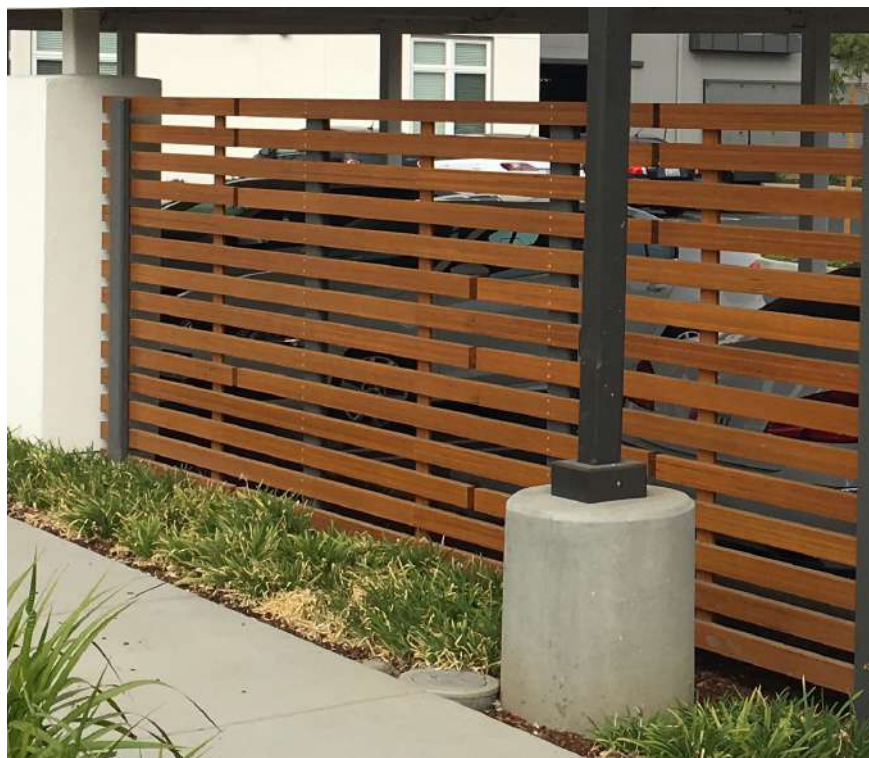
Lamboo® Elements™ products may offer the following LEED® Credits:



MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials (No added formaldehyde)

INc1 - Innovation in Design (Life Cycle/Environment Impact)



STRAND GRAIN BAMBOO



Espresso*

Nominal 1x6
(Actual: 3/4" x 5-1/2")

#SSPE-106-EXT
Pre-finished Espresso

Nominal 5/4x6
(Actual: 1" x 5-1/2")

#SSPE-106-EXT
Pre-finished Espresso

**Strand woven products only available in 6' lengths.*

VERTICAL GRAIN BAMBOO



Hazel



Golden Honey



Deep Amber



Fawn



Oxford Brown

EXTERIOR SOLID-PLY COMPONENTS

Nominal 1x4 (Actual: 3/4" x 3-1/2")

#VSPH-104-EXT Pre-Finished Hazel
#VSPG-104-EXT Pre-Finished Golden Honey
#VSPA-104-EXT Pre-Finished Deep Amber
#VSPF-104-EXT Pre-Finished Fawn
#VSPO-104-EXT Pre-Finished Oxford Brown

Nominal 1x6 (Actual: 3/4" x 5-1/2")

#VSPH-106-EXT Pre-Finished Hazel
#VSPG-106-EXT Pre-Finished Golden Honey
#VSPA-106-EXT Pre-Finished Deep Amber
#VSPF-106-EXT Pre-Finished Fawn
#VSPO-106-EXT Pre-Finished Oxford Brown

Nominal 1x8 (Actual: 3/4" x 7-1/4")

#VSPH-108-EXT Pre-Finished Hazel
#VSPG-108-EXT Pre-Finished Golden Honey
#VSPA-108-EXT Pre-Finished Deep Amber
#VSPF-108-EXT Pre-Finished Fawn
#VSPO-108-EXT Pre-Finished Oxford Brown

Nominal 2x4 (Actual: 1-1/2" x 3-1/2")

#VSPH-204-EXT Pre-Finished Hazel
#VSPG-204-EXT Pre-Finished Golden Honey
#VSPA-204-EXT Pre-Finished Deep Amber
#VSPF-204-EXT Pre-Finished Fawn
#VSPO-204-EXT Pre-Finished Oxford Brown

Nominal 2x6 (Actual: 1-1/2" x 5-1/2")

#VSPH-206-EXT Pre-Finished Hazel
#VSPG-206-EXT Pre-Finished Golden Honey
#VSPA-206-EXT Pre-Finished Deep Amber
#VSPF-206-EXT Pre-Finished Fawn
#VSPO-206-EXT Pre-Finished Oxford Brown

Nominal 4x4 (Actual: 3-1/2" x 3-1/2")

#VSPH-404-EXT Pre-Finished Hazel
#VSPG-404-EXT Pre-Finished Golden Honey
#VSPA-404-EXT Pre-Finished Deep Amber
#VSPF-404-EXT Pre-Finished Fawn
#VSPO-404-EXT Pre-Finished Oxford Brown

**All materials are available unfinished or pre-finished in the colors listed.*

**Typical Lengths: 8' / 12' / 16'*

**Custom sizes and colors available upon request.*

LAMBOO® RAINSCREEN™

HIDDEN CLIP CLADDING PRODUCTS

The Lamboo® Rainscreen™ Series Product Line offers the next evolution in interior/exterior cladding and siding product solutions. Lamboo® Rainscreen™ utilizes our engineered laminated bamboo along with the Lamboo® Titan™ hidden clipping system that can be used in a variety of applications. Lamboo® Rainscreen™ products offer strength, rigidity, and uniformity making this product ideal for project integration.

Ideal applications: Indoor/outdoor wall cladding and siding, fascia, soffit, canopy ceilings, and other applications as requested.

PRODUCT AVAILABILITY

- 3", 5" & 7" facing profiles
- Custom sizing available upon request
- Full fabrication and finishing services are available
- Available in both solid bamboo & bamboo plastic composite*

**See page 19 for more details on available bamboo composite colors & sizes.*



WHY LAMBOO® RAINSCREEN™ PRODUCTS?

Ease of Installation: The Lamboo® Rainscreen™ System eliminates traditional siding mounting techniques by utilizing a “building block” type system that reduces installation time and provides cost savings to our customers.

In-House Processing: Lamboo® Rainscreen™ products utilize industrial grade processing equipment which provides the highest level of fabrication and finishing capacities to meet and exceed our customer’s expectations.

Exterior Treatment: Lamboo® Rainscreen™ products are treated with environmentally safe, exterior preservatives to help prevent decay and rot from the inside out providing long lasting material solutions.

High Yield: Lamboo® materials offer up to 98% to 99% usage avoiding the need to cut around defects found in other natural-based materials.

LEED® v4 CREDITS

Lamboo® Rainscreen™ products may offer the following LEED® Credits:

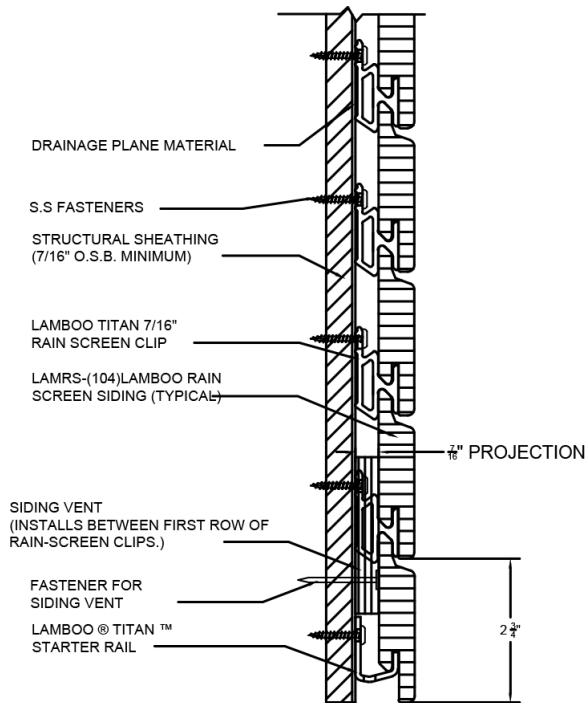
MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials (No added formaldehyde)

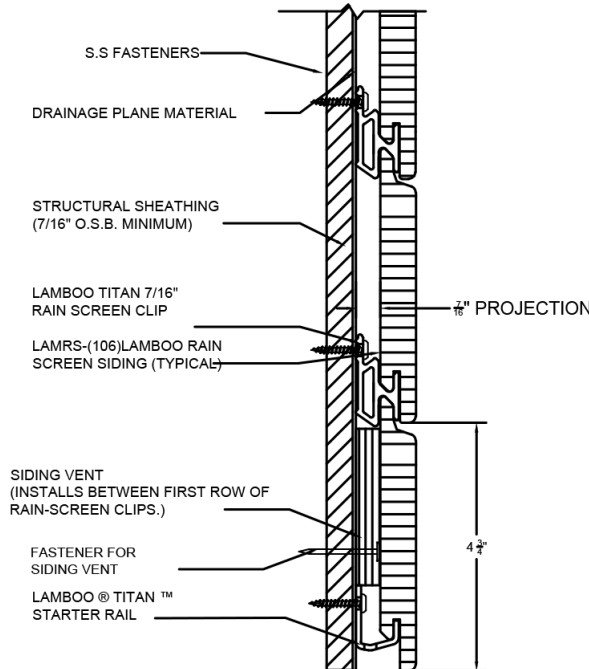
INc1 - Innovation in Design (Life Cycle/Environment Impact)



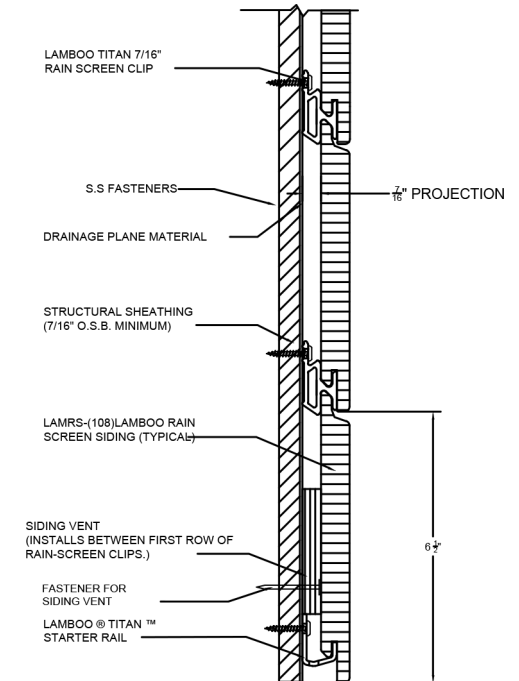
LAMBOO® RAINSCREEN™ DETAILS



3" Lamboo® Rainscreen™ System



5" Lamboo® Rainscreen™ System



7" Lamboo® Rainscreen™ System

Lamboo® also offers pre-engineered inside corners, outside corners, and window and door trim. View details and additional information at www.lamboo.us/resources

3" Lamboo® Rainscreen™ Product Codes

#LAMRSH-104-EXT Pre-finished Hazel
 #LAMRSG-104-EXT Pre-finished Golden Honey
 #LAMRSA-104-EXT Pre-finished Deep Amber
 #LAMRSF-104-EXT Pre-finished Fawn
 #LAMRSO-104-EXT Pre-finished Oxford Brown

5" Lamboo® Rainscreen™ Product Codes

#LAMRSH-106-EXT Pre-finished Hazel
 #LAMRSG-106-EXT Pre-finished Golden Honey
 #LAMRSA-106-EXT Pre-finished Deep Amber
 #LAMRSF-106-EXT Pre-finished Fawn
 #LAMRSO-106-EXT Pre-finished Oxford Brown

7" Lamboo® Rainscreen™ Product Codes

#LAMRSH-108-EXT Pre-finished Hazel
 #LAMRSG-108-EXT Pre-finished Golden Honey
 #LAMRSA-108-EXT Pre-finished Deep Amber
 #LAMRSF-108-EXT Pre-finished Fawn
 #LAMRSO-108-EXT Pre-finished Oxford Brown



Hazel



Golden Honey



Deep Amber



Fawn



Oxford Brown

*All materials are available pre-finished in the colors listed. *Custom sizes and colors available upon request, MOQ applies.
 *Typical Lengths: 8' / 12' / 16'

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US

LAMBOO® STRUCTURE™

STRUCTURAL BEAMS & GLULAMS

The Lamboo® Structure™ Series Product Line utilizes laminated engineered bamboo in heavy timber construction as well as Glulam applications. Our “Lam-Stock” can be used to manufacture straight, cambered, and curved beams per project requirements at lengths only limited by transportation. Treated for interior and exterior applications, this provides an advantage over other engineered products utilized in structural projects.

Ideal applications: Glulam beams (straight, cambered, curved), post and beam, joists, trusses, large outdoor structures, canopies, pergolas, trellises and custom applications as requested by the customer.

WHY LAMBOO® STRUCTURE™ SERIES PRODUCTS?

High Dimensional Stability: Due to its density and mechanical properties, Lamboo® Structure™ is perfect for long spans & exterior applications.

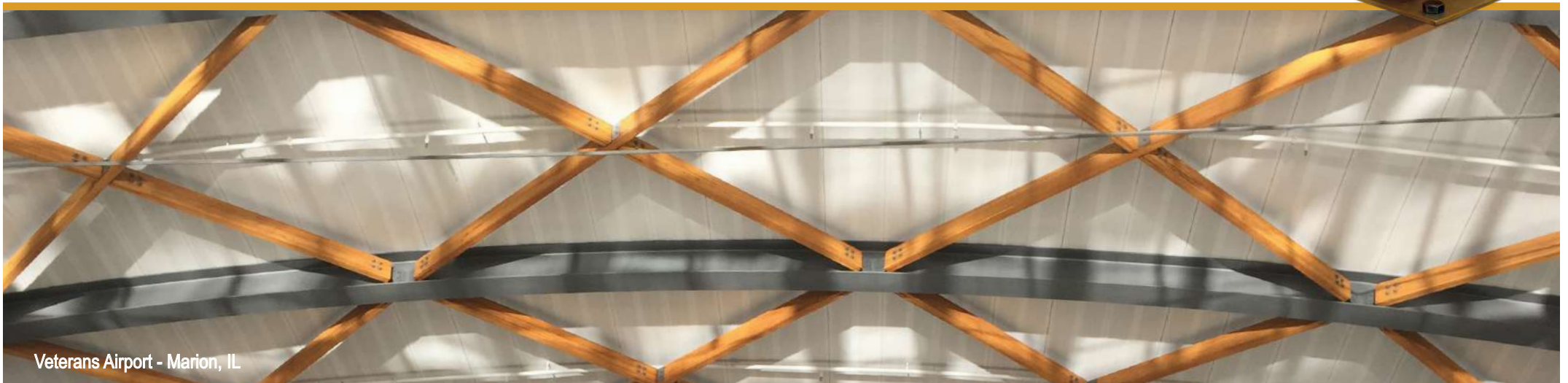
Exterior Treatment: The Lamboo® Structure™ products are pressure treated with environmentally safe, exterior preservatives to help with decay and rot from the inside out within our exterior materials.

Warm Aesthetics: Glu-am beams made with Lamboo® Structure™ materials provide a warm and contemporary aesthetic that does not need to be covered up by other building materials.

PRODUCT AVAILABILITY

- All beams are custom and made to order.
- Full fabrication and finishing services available.

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US



Veterans Airport - Marion, IL



Donner Miller Residence - Okatie, SC



Donner Miller Residence - Okatie, SC

LAMBOO® MECHANICAL PROPERTIES

COMPRESSION

Parallel to grain: 8,252 psi
(ASTM D198-13 SEC 13-20)
Perpendicular to grain: 2,876 psi
(ASTM 3501-86)

TENSILE STRENGTH

Parallel to grain: 8,810 psi
(ASTM D198-13 SEC 29-36)
Perpendicular to grain: 665 psi
(ASTM 3500-90)

THERMAL PROPERTIES

Thermal Conductivity: $K = 0.352$
R-Value = 0.720 U-Value = 1.040
Specific Gravity: 0.60
Density: 43 Lbs/Ft³

SHEAR STRENGTH

2,901 psi (ASTM D3048)

FLEXURAL STRENGTH (MOR)

11,210 psi (ASTM D198-13 SEC 4-12)

MODULUS OF ELASTICITY

1.3×10^6 psi (ASTM D1037)

MOISTURE CONTENT

Solid Lamboo®: 7% - 11% (ASTM D4442)

DIMENSIONAL STABILITY COEFFICIENT

Volumetric Stability Factor: 0.00144
Solid Lamboo® Dimensional Stability at 20% RH Linear
Thickness Swell: -0.13 percent average (ASTM D1037)
Expansion:
a) Parallel -0.04 percent average (ASTM D1037)
b) Perpendicular -0.10 percent average (ASTM D1037)

LEED® v4 CREDITS

Lamboo® Structure™ products
may offer the following LEED® Credits:



MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials

(No added formaldehyde)

INc1 - Innovation in Design

(Life Cycle/Environment Impact)

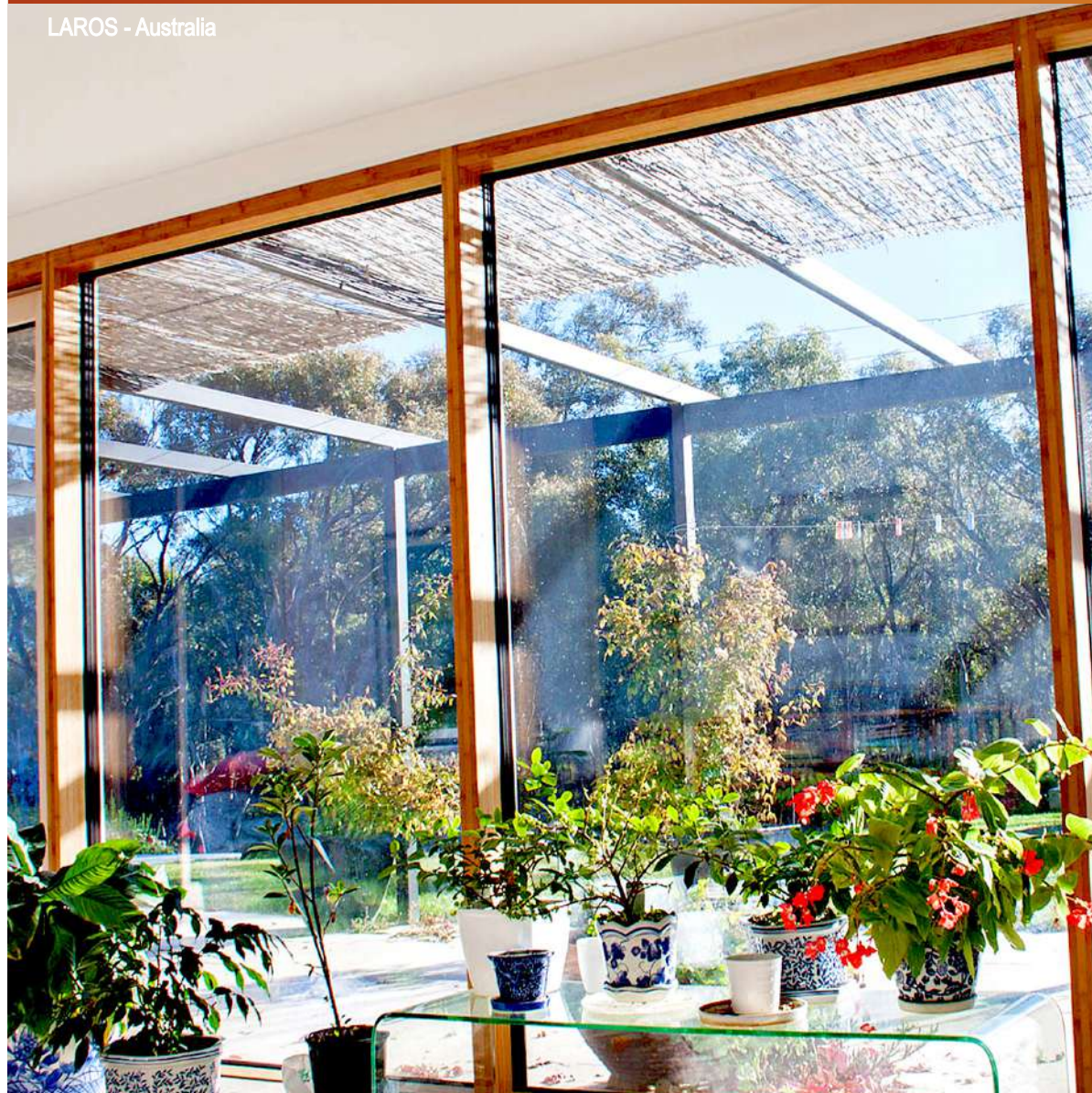
**All materials are available in our un-finished or pre-finished color options.*

**Custom sizes and colors available upon request.*

**All structural beams and glulams are custom made to order per project requirements.*

LAMBOO® VUE™

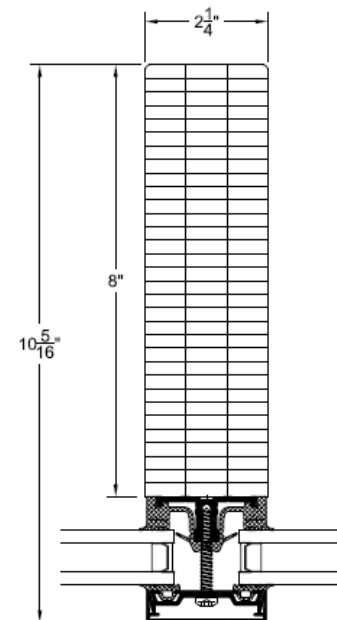
LAROS - Australia



CURTAINWALL & STOREFRONT SYSTEMS

The Lamboo® Vue™ Series Product Line provides an excellent alternative to other curtain wall and storefront systems that utilize traditional aluminum, vinyl, and other natural-based building materials. Lamboo® has partnered with H Window Company, which utilizes laminated engineered bamboo into these applications, providing high performance, warm aesthetics, and sustainable solutions per the product of choice. The Lamboo® Vue™ curtainwall and storefront systems are available with solid Lamboo® exterior pressure caps or an aluminum pressure capped system if desired.

Ideal applications: Curtainwall systems, storefront systems as well as custom solutions for both commercial and residential applications.



Lamboo® Vue™ Curtain Wall
Typical Mullion Detail





Left: Kjell Hatlehol - H Window
Right: Jeran Hammann - Lamboo®

WHY LAMBOO® VUE™ SERIES PRODUCTS?

High Dimensional Stability: Due to its density and mechanical properties, Lamboo® is perfect for long spans & exterior applications.

Turn-Key: Lamboo® has partnered with a leading window and door manufacturer allowing for turn-key “ready to install” systems.

Warm Aesthetics: Lamboo® provides a warm and contemporary aesthetic that does not need to be covered up by other building materials.

Hybrid Systems: Lamboo® complimented with other materials, such as anodized aluminum, provides an excellent blend of interior natural beauty and minimal exterior maintenance.

PRODUCT AVAILABILITY

- All Lamboo® Vue™ products are custom and made to order.
- Full fabrication and finishing services available.



LEED® v4 CREDITS

Lamboo® Vue™ products may offer the following LEED® Credits:



MRc3 - Sourcing of Raw Materials

EAc2 - Optimize Energy Performance

EQc2 - Low Emitting Materials (No added formaldehyde)

INc1 - Innovation in Design (Life Cycle/Environment Impact)



Residential Door - Sullivan, IL

WINDOW & DOOR PRODUCTS

From fixed/operable windows to commercial/residential interior & exterior doors, the Lamboo® Glazing™ Series Product Line provides an excellent alternative to other glazing and door systems utilizing traditional aluminum, vinyl, and other natural-based building materials. Lamboo® has partnered with local window and door manufacturers that utilize laminated engineered bamboo into these applications, providing high performance, warm aesthetics, and sustainable solutions per the product of choice.

Ideal applications: Commercial/residential doors & window systems, custom glazing solutions etc.

LAMBOO® GLAZING™



Ecco Restaurant - Atlanta, GA



Lamboo® Window Corner Section

WHY LAMBOO® GLAZING™ SERIES PRODUCTS?

High Dimensional Stability: Due to its density and mechanical properties, Lamboo® is perfect for window and door applications.

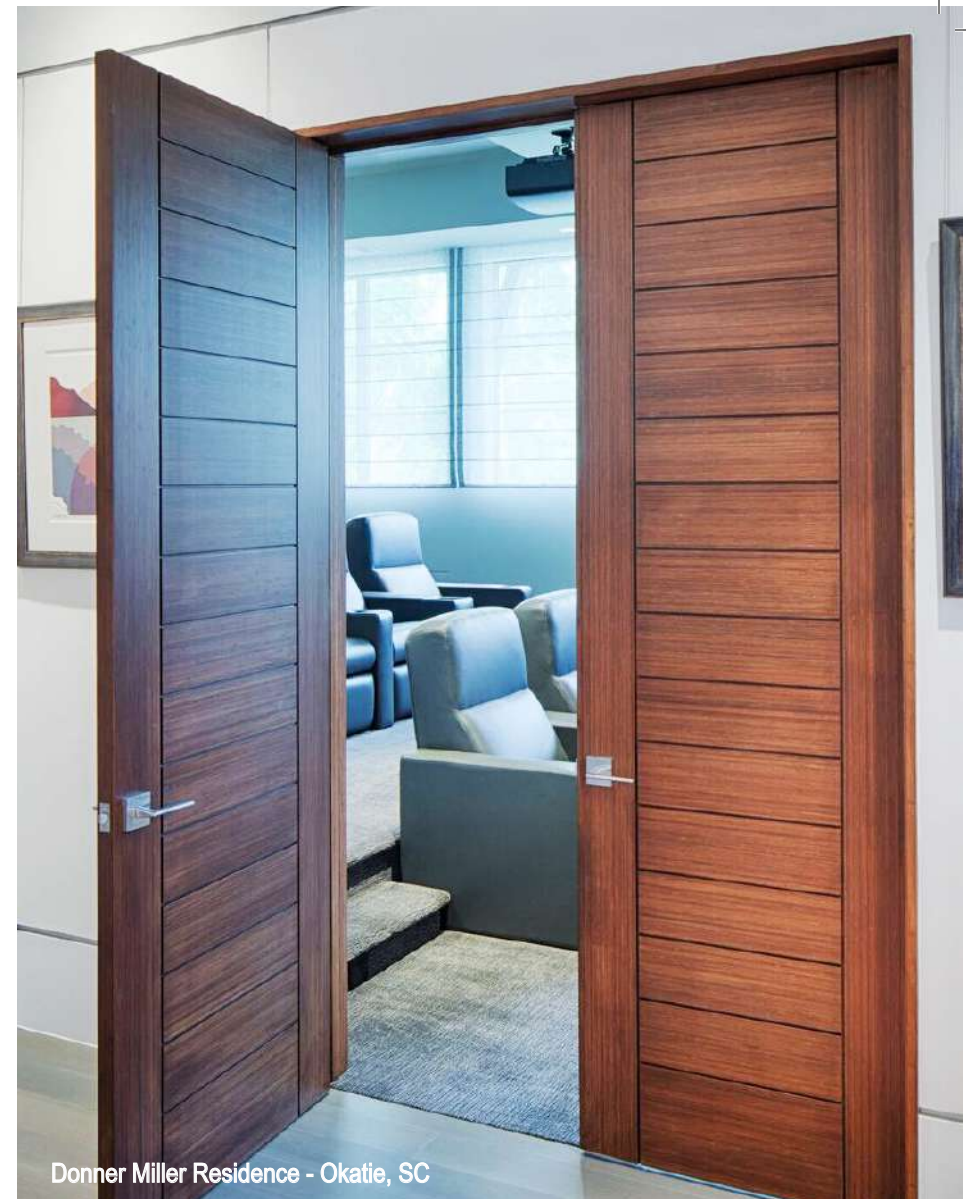
Turn-Key: Lamboo® has partnered with local window and door manufacturers, which allows Lamboo® to provide turn-key “ready to install” systems.

Warm Aesthetics: Lamboo® products provide a warm and contemporary aesthetic that does not need to be covered up by other building materials.

Hybrid Systems: When Lamboo® is complimented with other materials, such as anodized aluminum, it provides an excellent blend of interior natural beauty and minimal exterior maintenance.

PRODUCT AVAILABILITY

- All Lamboo® Glazing™ products are custom and made to order.
- Full fabrication and finishing services available.



Donner Miller Residence - Okatie, SC

LEED® v4 CREDITS

Lamboo® Glazing™ products may offer the following LEED® Credits:



MRc3 - Sourcing of Raw Materials

EAc2 - Optimize Energy Performance

EQc2 - Low Emitting Materials (No added formaldehyde)

INc1 - Innovation in Design (Life Cycle/Environment Impact)

LAMBOO® SURFACE™

- No Added Urea-Formaldehyde
- Made of 100% Solid Bamboo Slats
- Standard Class B Fire Rating (*Class A Fire Rating Available Upon Request*)



JING Fusion Raw Bar - Aspen, CO

INTERIOR GRADE PRODUCTS

Superior Performance. Contemporary Aesthetics. Intimate Warmth. Sustainable Solutions. These are just a few statements that best describe the Lamboo® Surface™ Series Product Line. Our products are engineered to last and provide timeless beauty and warmth to any project.

Ideal applications: Commercial and residential furniture, table and counter tops, elevator cabs, wall paneling, and other vertical or horizontal applications.

WHY LAMBOO® SURFACE™ SERIES PRODUCTS?

High Dimensional Stability: Due to its stability and overall performance, Lamboo® is perfect for a variety of interior applications.

Anti-Microbial Properties: Lamboo® Surface™ products have natural anti-fungal & anti-bacterial agents, as well as additional treatments to help prevent bacteria from cultivating and fostering within its products.

High Yield: Lamboo® materials offer up to 98% to 99% usage avoiding the need to cut around defects found in other natural-based materials.

Non-Toxic Product: Lamboo® Surface™ interior products utilize NAUF (No Added Urea Formaldehyde) adhesives to help meet interior air quality standards.



LEED® v4 CREDITS

Lamboo® Surface™ products may offer the following LEED® Credits:

MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials (No added formaldehyde)

INc1 - Innovation in Design (Life Cycle/Environment Impact)



STOCK COLORS AVAILABLE:



Unfinished Carbonized



Natural



Hazel



Deep Amber



Tiger Strand



Walnut



Coffee

*Also available unfinished in 3 base colors.
*Grains/colors may slightly differ from images.

INTERIOR CROSS-PLY PANELS

1/4" x 48" x 96" (3-PLY)

#VCPC-025-INT-4896	Unfinished Carbonized
#VCPN-025-INT-4896	Pre-Finished Natural
#VCPH-025-INT-4896	Pre-Finished Hazel
#VCPDA-025-INT-4896	Pre-Finished Deep Amber
#VCPW-025-INT-4896	Pre-Finished Walnut
#VCPCF-025-INT-4896	Pre-Finished Coffee
#SCPT-025-INT-4896	Pre-Finished Tiger Strand

3/8" x 48" x 96" (3-PLY)

#VCPC-038-INT-4896	Unfinished Carbonized
#VCPN-038-INT-4896	Pre-Finished Natural
#VCPH-038-INT-4896	Pre-Finished Hazel
#VCPDA-038-INT-4896	Pre-Finished Deep Amber
#VCPW-038-INT-4896	Pre-Finished Walnut
#VCPCF-038-INT-4896	Pre-Finished Coffee
#SCPT-038-INT-4896	Pre-Finished Tiger Strand

1/2" x 48" x 96" (3-PLY)

#VCPC-050-INT-4896	Unfinished Carbonized
#VCPN-050-INT-4896	Pre-Finished Natural
#VCPH-050-INT-4896	Pre-Finished Hazel
#VCPDA-050-INT-4896	Pre-Finished Deep Amber
#VCPW-050-INT-4896	Pre-Finished Walnut
#VCPCF-050-INT-4896	Pre-Finished Coffee
#SCPT-050-INT-4896	Pre-Finished Tiger Strand

3/4" x 48" x 96" (3-PLY)

#VCPC-075-INT-4896	Unfinished Carbonized
#VCPN-075-INT-4896	Pre-Finished Natural
#VCPH-075-INT-4896	Pre-Finished Hazel
#VCPDA-075-INT-4896	Pre-Finished Deep Amber
#VCPW-075-INT-4896	Pre-Finished Walnut
#VCPCF-075-INT-4896	Pre-Finished Coffee
#SCPT-075-INT-4896	Pre-Finished Tiger Strand

*All materials are available unfinished or in the pre-finished colors listed.

*Custom sizes, layups and colors available upon request.



INTERIOR VENEER

1/42" x 49" x 97" (1-PLY VENEER)

#VSPC-F003-INT-4997	Carbonized, Fleece Back
#VSPN-F003-INT-4997	Natural, Fleece Back
#SSPT-F003-INT-4997	Tiger Strand, Fleece Back
#VSPC-P003-INT-4997	Carbonized, Paper Back
#VSPN-P003-INT-4997	Natural, Paper Back
#SSPT-P003-INT-4997	Tiger Strand, Paper Back

*All veneer is unfinished.

*Grains/colors may slightly differ from images when finished.

*Custom sizes, grains & colors available upon request.

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US

LAMBOO® SURFACE™ (cont.)

INTERIOR CLASS A FIRE RATED PANELS

The Lamboo® Surface™ interior Class A (ASTM E84) fire-rated panels are great for both commercial and residential projects. These products consist of Lamboo® veneer that is pressed onto either a 1/4" or 1/2" thick fire-rated MDF. All fire-rated panels are typically finished with a stain + UV coat system, unless stated otherwise. All panels are made to order. MOQ will apply.

Ideal applications: Commercial and residential wall paneling, custom furniture, interior design, accent pieces etc.

PRODUCT AVAILABILITY

1/4" x 24" x 24" (Class A Fire Rated MDF Core)

#VFPT-025-INT-2424	Pre-finished Tiger Strand
#VFPT-025-INT-2424	Pre-finished Natural
#VFPH-025-INT-2424	Pre-finished Hazel
#VFPA-025-INT-2424	Pre-finished Deep Amber
#VFPP-025-INT-2424	Pre-finished Fawn
#VFPC-025-INT-2424	Pre-finished Coffee

1/4" x 24" x 48" (Class A Fire Rated MDF Core)

#VFPT-025-INT-2448	Pre-finished Tiger Strand
#VFPT-025-INT-2448	Pre-finished Natural
#VFPH-025-INT-2448	Pre-finished Hazel
#VFPA-025-INT-2448	Pre-finished Deep Amber
#VFPP-025-INT-2448	Pre-finished Fawn
#VFPC-025-INT-2448	Pre-finished Coffee

1/4" x 48" x 96" (Class A Fire Rated MDF Core)

#VFPT-025-INT-4896	Pre-finished Tiger Strand
#VFPT-025-INT-4896	Pre-finished Natural
#VFPH-025-INT-4896	Pre-finished Hazel
#VFPA-025-INT-4896	Pre-finished Deep Amber
#VFPP-025-INT-4896	Pre-finished Fawn
#VFPC-025-INT-4896	Pre-finished Coffee

1/2" x 24" x 24" (Fire Rated MDF Core)

#VFPT-050-INT-2424	Pre-finished Tiger Strand
#VFPT-050-INT-2424	Pre-finished Natural
#VFPH-050-INT-2424	Pre-finished Hazel
#VFPA-050-INT-2424	Pre-finished Deep Amber
#VFPP-050-INT-2424	Pre-finished Fawn
#VFPC-050-INT-2424	Pre-finished Coffee

1/2" x 24" x 48" (Fire Rated MDF Core)

#VFPT-050-INT-2448	Pre-finished Tiger Strand
#VFPT-050-INT-2448	Pre-finished Natural
#VFPH-050-INT-2448	Pre-finished Hazel
#VFPA-050-INT-2448	Pre-finished Deep Amber
#VFPP-050-INT-2448	Pre-finished Fawn
#VFPC-050-INT-2448	Pre-finished Coffee

1/2" x 48" x 96" (Fire Rated MDF Core)

#VFPT-050-INT-4896	Pre-finished Tiger Strand
#VFPT-050-INT-4896	Pre-finished Natural
#VFPH-050-INT-4896	Pre-finished Hazel
#VFPA-050-INT-4896	Pre-finished Deep Amber
#VFPP-050-INT-4896	Pre-finished Fawn
#VFPC-050-INT-4896	Pre-finished Coffee

COLORS AVAILABLE



Tiger Strand



Hazel



Deep Amber



Natural



Fawn



Coffee

*Grains/colors may slightly differ from images.



EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US

**All products are pre-finished unless stated otherwise. All materials are available unfinished or in the pre-finished colors listed. Alternate sizes, layouts and colors available upon request. MOQ applies.*

INTERIOR RESTAURANT GRADE TABLE TOPS

The Lamboo® Surface™ Series Product Line also offers high end, restaurant/hotel grade table tops, counter tops & bar tops. The Lamboo® Surface™ table tops are available in 6 stock colors, 4 stock thicknesses and 8 stock overall dimensions.

Lamboo® Surface™ tops are not limited to our stock options. We have in-house CNC fabrication capabilities which allows us to offer custom sizes and designs for your project. Custom colors are also available upon request. Contact us today to specify Lamboo® Surface™ tables into your next project!

Ideal applications: Restaurant table tops, hotel table tops & furniture, commercial and residential bar tops, office furniture etc.

TABLE TOP PRODUCT AVAILABILITY



24" x 24" Round or Square

(Actual: 23-1/2" x 23-1/2")

#LTT-T-INT-2424 Finished Tiger Strand
#LTT-N-INT-2424 Finished Natural
#LTT-H-INT-2424 Finished Hazel
#LTT-A-INT-2424 Finished Deep Amber
#LTT-F-INT-2424 Finished Fawn
#LTT-C-INT-2424 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

30" x 30" Round or Square

(Actual: 29-1/2" x 29-1/2")

#LTT-T-INT-3030 Finished Tiger Strand
#LTT-N-INT-3030 Finished Natural
#LTT-H-INT-3030 Finished Hazel
#LTT-A-INT-3030 Finished Deep Amber
#LTT-F-INT-3030 Finished Fawn
#LTT-C-INT-3030 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

36" x 36" Round or Square

(Actual: 35-1/2" x 35-1/2")

#LTT-T-INT-3636 Finished Tiger Strand
#LTT-N-INT-3636 Finished Natural
#LTT-H-INT-3636 Finished Hazel
#LTT-A-INT-3636 Finished Deep Amber
#LTT-F-INT-3636 Finished Fawn
#LTT-C-INT-3636 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

48" x 48" Round or Square

(Actual: 47-1/2" x 47-1/2")

#LTT-T-INT-4848 Finished Tiger Strand
#LTT-N-INT-4848 Finished Natural
#LTT-H-INT-4848 Finished Hazel
#LTT-A-INT-4848 Finished Deep Amber
#LTT-F-INT-4848 Finished Fawn
#LTT-C-INT-4848 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

24" x 30" Rectangle

(Actual: 23-1/2" x 29-1/2")

#LTT-T-INT-2430 Finished Tiger Strand
#LTT-N-INT-2430 Finished Natural
#LTT-H-INT-2430 Finished Hazel
#LTT-A-INT-2430 Finished Deep Amber
#LTT-F-INT-2430 Finished Fawn
#LTT-C-INT-2430 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

24" x 48" Rectangle

(Actual: 23-1/2" x 47-1/2")

#LTT-T-INT-2448 Finished Tiger Strand
#LTT-N-INT-2448 Finished Natural
#LTT-H-INT-2448 Finished Hazel
#LTT-A-INT-2448 Finished Deep Amber
#LTT-F-INT-2448 Finished Fawn
#LTT-C-INT-2448 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

24" x 72" Rectangle

(Actual: 23-1/2" x 71-1/2")

#LTT-T-INT-2472 Finished Tiger Strand
#LTT-N-INT-2472 Finished Natural
#LTT-H-INT-2472 Finished Hazel
#LTT-A-INT-2472 Finished Deep Amber
#LTT-F-INT-2472 Finished Fawn
#LTT-C-INT-2472 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

24" x 96" Rectangle

(Actual: 23-1/2" x 95-1/2")

#LTT-T-INT-2496 Finished Tiger Strand
#LTT-N-INT-2496 Finished Natural
#LTT-H-INT-2496 Finished Hazel
#LTT-A-INT-2496 Finished Deep Amber
#LTT-F-INT-2496 Finished Fawn
#LTT-C-INT-2496 Finished Coffee

Thicknesses: 3/4", 1", 1-1/4" and 1-1/2"

**All materials are available unfinished or in the pre-finished colors listed. Custom sizes, layouts and colors available upon request. Table bases and fasteners not included.*

- All Products Available With Class A Fire Rated Core (ASTM E84)
- Variety of Core & Color Options To Suit Any Project
- Custom Products & Sizing Available Upon Request

LAMBOO® ACOUSTICS™

INTERIOR ACOUSTIC & ARTISTIC PRODUCTS

One of the newest additions to the Lamboo® product family is the Lamboo® Acoustics™ Series Product Line. This series provides an array of custom acoustic products that can be integrated into both commercial and residential applications. The Acoustics™ panels & cladding are installed over 1" thick fiberglass wool to achieve the highest acoustic quality. Lamboo® Acoustics™ Series Product Line offers a modern aesthetic for reducing excess sound within your project's environment.

Ideal Applications: Perforated & micro-perforated acoustic paneling, grooved acoustic panel systems, artistic CNC cut acoustic paneling.

AVAILABLE COLOR OPTIONS



Tiger Strand



Hazel



Deep Amber



Natural



Fawn



Coffee

**Alternate grains and colors available upon request.*



WHY LAMBOO® ACOUSTICS™ SERIES PRODUCTS?

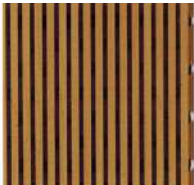



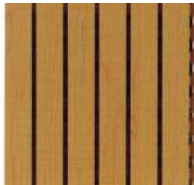
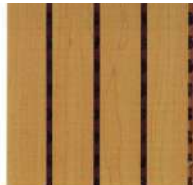


Fire Rating: Lamboo® Acoustics™ products are all available with a Class A Fire-Rated Core (ASTM-E84).

Excellent Noise Reduction: Lamboo® offers a high-quality product without the high price tag. All of our products range from a 0.48-0.82 NRC rating, and are cost competitive.



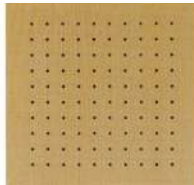
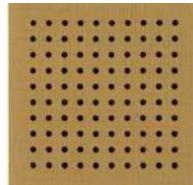
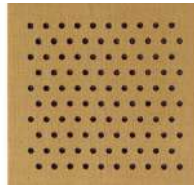
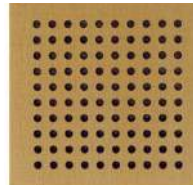
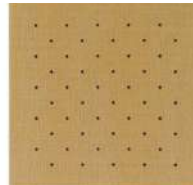
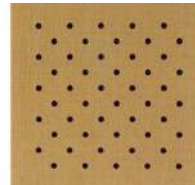
Multiple Core Options: Lamboo® Acoustics™ are available with a wide variety of core options to fit your project specs: Fire-Rated MDF, Eco-Friendly MDF, Black MGO Board, Black HDF, Composite Board, MGO Board, Solid Bamboo Core or custom cores based on your project requirements.

Variety of Application Environments: Gymnasiums, arenas & sport spaces, conference rooms, lecture halls, multifunctional halls, auditoriums, cinemas, theaters, art centers, audition rooms & recording studios, hotels & banquet halls, restaurants, bars, office spaces & manufacturing facilities.

SLATTED TONGUE & GROOVE ACOUSTIC WALL/CEILING CLADDING

5-3	9-2	13-3	14-2	18-3	28-4	40-3	59-5
							
NRC Rating: 0.66 Fire Rating: A Slat Width: 0.35" Slat Spacing: 0.08" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.82 Fire Rating: A Slat Width: 0.20" Slat Spacing: 0.12" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.81 Fire Rating: A Slat Width: 0.50" Slat Spacing: 0.12" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.77 Fire Rating: A Slat Width: 0.55" Slat Spacing: 0.08" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.73 Fire Rating: A Slat Width: 0.70" Slat Spacing: 0.12" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.67 Fire Rating: A Slat Width: 1.10" Slat Spacing: 0.15" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.54 Fire Rating: A Slat Width: 1.58" Slat Spacing: 0.12" Size: 0.5" x 5.5" Length: 96"	NRC Rating: 0.48 Fire Rating: A Slat Width: 2.32" Slat Spacing: 0.20" Size: 0.5" x 5.5" Length: 96"

PERFORATED ACOUSTIC WALL/CEILING PANELING

E5/1-15	E8/1-15	E16/3-15	E16/6-15	V16/6-15	E16/8-15	V32/3-15	V32/6-15
							
NRC Rating: 0.54 Fire Rating: A Perf Dia: 0.04" Perf Spacing: 0.20" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.49 Fire Rating: A Perf Dia: 0.04" Perf Spacing: 0.32" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.60 Fire Rating: A Perf Dia: 0.12" Perf Spacing: 0.63" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.68 Fire Rating: A Perf Dia: 0.24" Perf Spacing: 0.63" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.59 Fire Rating: A Perf Dia: 0.24" Perf Spacing: 0.63" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.72 Fire Rating: A Perf Dia: 0.315" Perf Spacing: 0.63" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.57 Fire Rating: A Perf Dia: 0.12" Perf Spacing: 1.26" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'	NRC Rating: 0.58 Fire Rating: A Perf Dia: 0.24" Perf Spacing: 1.26" Sizes: 2'x2', 2'x4', 2'x8', 4'x4', 4'x8'

ACOUSTIC CORE OPTIONS

								
Red Fire-Resistant MDF	Eco-Friendly MDF	A Grade Black MGO Board	Black HDF	Composite Board	A Grade MGO Composite Board	A Grade MGO Board	Carbonized Bamboo Board	Natural Bamboo Board



LEED® v4 CREDITS

Lamboo® Acoustics™ products may offer the following LEED® Credits:

MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials

INc1 - Innovation in Design

LAMBOO® FUSION™

RECYCLED BAMBOO PLASTIC COMPOSITE

The Lamboo® Fusion™ Series Product Line offers the next evolution in exterior decking & rainscreen product solutions. Lamboo® Fusion™ products are made up of recycled bamboo fiber and recycled HDPE plastics. This combination of technology creates virtually a “no maintenance” product solution that is eco-friendly and hassle-free! Lamboo® Fusion™ products are easy to install and very safe for both commercial and residential applications. The Lamboo® Fusion™ Series Product Line is backed by a 15 year limited warranty*, and offers strength, rigidity, and uniformity making it ideal for any project.

Ideal Applications: Residential & commercial decking, rainscreen/cladding systems, fencing, pergola components, railing, roof deck tiles etc.

WHY LAMBOO® FUSION™ SERIES PRODUCTS?

Safe For All Projects: Very safe for both residential & commercial projects, utilizing anti-slip & anti-splinter technology.

Low Maintenance: Extremely low-maintenance product + it does not need stained or treated during its life, reducing cost & hassle.

Ease of Installation: Very easy to install with our hidden fastening system. It can be cut and fixed with standard wood working equipment, requiring no additional tooling for customization on-site.

High Performance: Highly durable material that will not split, warp or rot, reducing replacement costs.

Beauty: Your project utilizing Lamboo® Fusion™ decking will look great year after year while it withstands the elements.



PRODUCT AVAILABILITY

- Standard decking profiles with hidden clipping system
- Rainscreen profile utilizing Lamboo® Titan™ clipping system
- Custom thicknesses, sizing & profiles available
- Full fabrication services available
- Alternate attachment systems (per project requirements)

LEED® v4 CREDITS

Lamboo® Fusion™ products may offer the following LEED® Credits:

MRc3 - Sourcing of Raw Materials

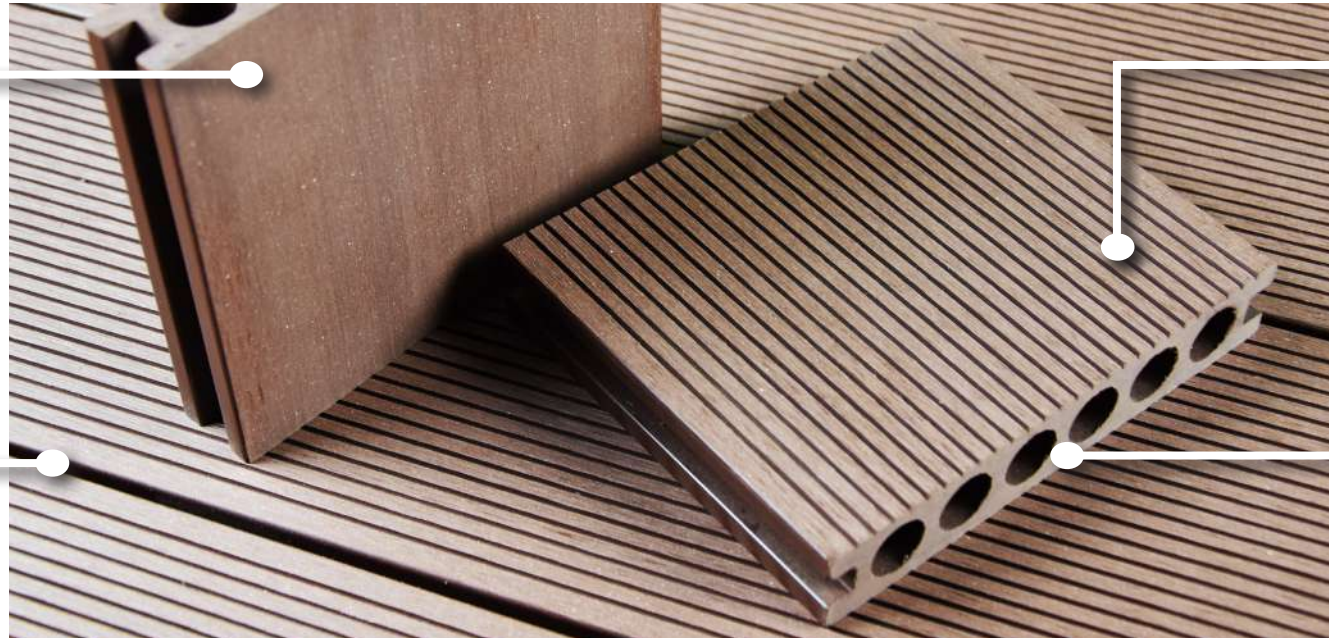


EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US

LAMBOO® FUSION™ PRODUCT DETAILS

Side A: Available in either an embossed wood grain or smooth finish to provide the warmth and feel of a natural material without the splinters, splitting or cracking attributes of normal timber products.

Hidden Fastener System: Lamboo® Fusion™ products use hidden clipping systems for decking as well as for our Lamboo® Rainscreen™ system for a modern sleek aesthetic.



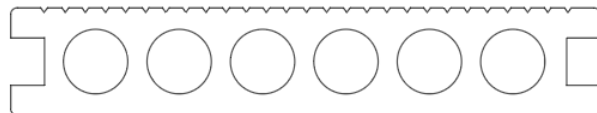
Side B: Available in multiple grooved profiles, both wide and thin grooves, embossed wood grain or embossed bamboo grain depending on how your project is designed to look!

Rib-Core Construction: Most of our Fusion™ products utilize a hollow rib-core to help reduce component weight without comprimizing overall strength or durability. Solid components are also available.

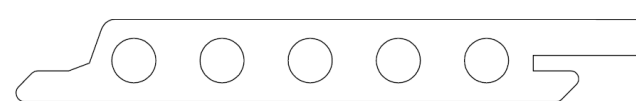
STANDARD LAMBOO® FUSION™ PROFILES

Fusion™ decking profile has a standard dimension of 1" thick x 3-1/2", 5-1/2" or 7-1/4" wide. All clips & fasteners are included. Custom sizes are available upon request. MOQ applies.

HIDDEN CLIPPING DECK PROFILE



LAMBOO® RAINSCREEN™ CLADDING PROFILE (HIDDEN CLIP)



Fusion™ rainscreen profile has a standard dimension of 11/16" thick with a 3", 5" or 7" face. All clips & fasteners are included. Custom sizes are available upon request. MOQ applies.

LAMBOO® FUSION™ AVAILABLE COLORS



White Sand



Driftwood Gray



Desert Sand



Cinnamon



Coffee



Slate

*Alternate grains and colors available upon request. MOQ applies.



LAMBOO® SKYLINE™

INTERIOR CEILING PRODUCTS

The Lamboo® Skyline™ Series Product Line provides an array of custom profiled ceiling products that can be included in a variety of ceiling applications. The Lamboo® Skyline™ products offer unique and sustainable solution per project requirements such as typical drop ceiling systems, fire-rated ceiling tiles, clouds, grilles, baffles, as well as lightweight core systems.

Ideal Applications: Drop ceiling tiles, fire-rated ceiling tiles, ceiling clouds, grilles, baffles, egg-crate, lightweight paneling & components, custom CNC profiled ceiling tile shapes and patterns.

WHY LAMBOO® SKYLINE™ SERIES PRODUCTS?

High Dimensional Stability: Due to its density and mechanical properties, Lamboo® is perfect for ceiling systems & products.

Custom Designed: Lamboo® has CNC capacity to provide custom shapes and profiles per the customer's design.

High Yield: Lamboo® materials offer up to 98% to 99% usage avoiding the need to cut around defects found in other natural-based materials.

Non-Toxic Product: Lamboo® Skyline™ interior products utilize NAUF adhesives to help meet interior air quality standards.

In-House Processing: Lamboo® utilizes industrial grade processing equipment which provides the highest level of fabrication and finishing capacities to meet our customer's expectations.

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US

PRODUCT AVAILABILITY

- Custom profiled ceiling tiles (2' x 2' up to 4' x 8')
- Class A fire-rated standard t-grid ceiling tiles
- Grille & baffle prefabricated systems
- Custom thicknesses and sizing available
- Full fabrication and finishing services available
- Attachment systems (if applicable)

LEED® v4 CREDITS

Lamboo® Skyline™ products may offer the following LEED® Credits:

MRc3 - Sourcing of Raw Materials

EQc2 - Low Emitting Materials (No added formaldehyde)

INc1 - Innovation in Design (Life Cycle/Environment Impact)



LAMBOO® CONTOUR™

CUSTOM PROFILED PRODUCTS

The Lamboo® Contour™ Series Product Line specifically focuses on profiled components and/or panels specific to stair case applications as well as decorative parts utilized in various interior and exterior décor applications.

Ideal Applications: Handrails, stair treads, risers, door trim, base board, molding, and other products profiled to size per the project requirements.

PRODUCT AVAILABILITY

- Traditional and custom shaped handrail profiles
- ADA compliant handrail profiles
- Stair treads available up to 3-1/2" thick
- Custom thicknesses and sizing available.
- Full fabrication and finishing services available.



Resort Handrails - Guadalajara, MX



Washington Residence - Seattle, WA

WHY LAMBOO® CONTOUR™ PRODUCTS?

High Dimensional Stability: Due to its density and high mechanical properties, Lamboo® is perfect for high impact areas.

Anti-Microbial Properties: Lamboo® has natural anti-fungal & anti-bacterial agents, and also treats its materials to further prevent bacteria from cultivating and fostering within its products.

High Yield: Lamboo® materials offer up to 98% to 99% usage avoiding the need to cut around defects found in other natural-based materials.

Non-Toxic Product: Lamboo® Contour™ interior products utilize NAUF adhesives to help meet interior air quality standards.

In-House Processing: Lamboo® utilizes commercial grade processing equipment which provides the highest level of fabrication and finishing capacities to meet and exceed our customer's expectations.

LAMBOO® CAPACITIES

LAMBOO® IN-HOUSE CAPACITIES

Over the last couple of years, Lamboo® has invested in several large pieces of industrial woodworking equipment and specialized personnel allowing Lamboo® to offer a wide range of fabrication & finishing capacities. Our capacities include:

- 4' x 8' CNC Routing Machining
- 5 Head Molder - Custom Profiles & Molding
- Wide Belt Sander
- Industrial Table & Miter Saws
- Interior & Exterior Finishing Equipment
- Highly Skilled Professionals

Lamboo® wants its customers to have confidence and comfort that Lamboo® not only provides an excellent building material, but also has the ability to provide the “One-Stop Shop” per their project requirements.



LAMBOO® CARE

RECOMMENDED STORAGE PROCEDURES

Minimize Handling: To reduce potential damage to materials, minimize handling and utilize team lifting procedures.

Proper Stacking: Materials should be stored flat on raised blocking of equal thickness and spacing. Recommended spacing for spacers is every 12 to 24 inches and 1-1/2" to 2" off the ground.

Location and Temperature: Store materials inside or in a covered shelter between 55° F to 75° F and 45% to 55% Humidity.

Light: Avoid long exposure to direct sunlight on unfinished materials.

Acclimation: Materials should be allowed to adapt to the installation environment and humidity prior to installation. Recommended acclimation time is 48 to 72 hours.

FASTENERS AND CLIPPING SYSTEMS

Fasteners: Aluminum (Interior) and Stainless Steel (exterior) bolts, washers, and nuts, or self-tapping screws are recommended. Pre-drilling is recommended for all fastener types. Pre-drilling will help prevent cracking and splitting of the materials and offer superior service life. Zinc coated or dipped fasteners are not recommended.

Clips and Hidden Fasteners: Lamboo® offers clipping and hidden fastener systems for all types of product applications. Please contact Lamboo® to speak with a technical support specialist so we may assist in finding the best system to utilize for your project.

EMAIL US TO REQUEST SAMPLES: SAMPLES@LAMBOO.US



RECOMMENDED TOOLING & FABRICATION

Cutting and Tooling: Lamboo® cuts and tools well with standard woodworking equipment. For best results, use sharp high-carbide tipped tooling to help prevent tear-out. When cross-cutting, it is recommended to use high tooth count blades. Lamboo® machines well parallel to the grain. Just as plywood, Lamboo® can splinter when crosscutting, coping, and tenoning across the grain. Due to the linear fibrous nature of Lamboo®, do not attempt to snap off uncut pieces; cut or sand them off. Pulling tear-out or splintered Lamboo® could cause a “run” along the length of the grain. Profiles can be easily routed. Use typical woodworking practices when surfacing Lamboo® materials.

STAIN AND FINISH RECOMMENDATIONS

Lamboo® is constantly researching and testing stain and finish systems within the market to ensure only the best systems are used on Lamboo® materials. Please contact Lamboo® to speak with a product support specialist to help determine the best stain/finish system for your project.



Donner Miller Residence - Okatie, SC



Ecco Restaurant - Atlanta, GA



Alexian Health Center - Chicago, IL



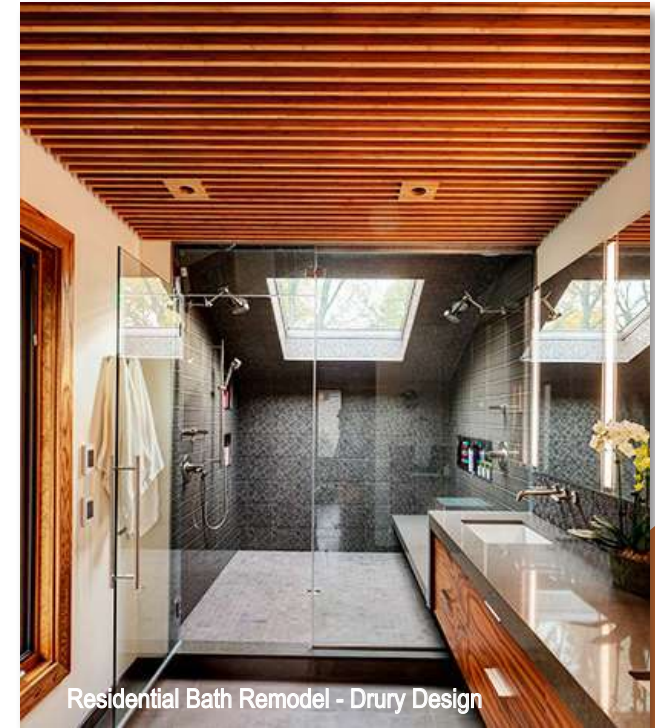
BMG Doctors' Clinic - Memphis, TN



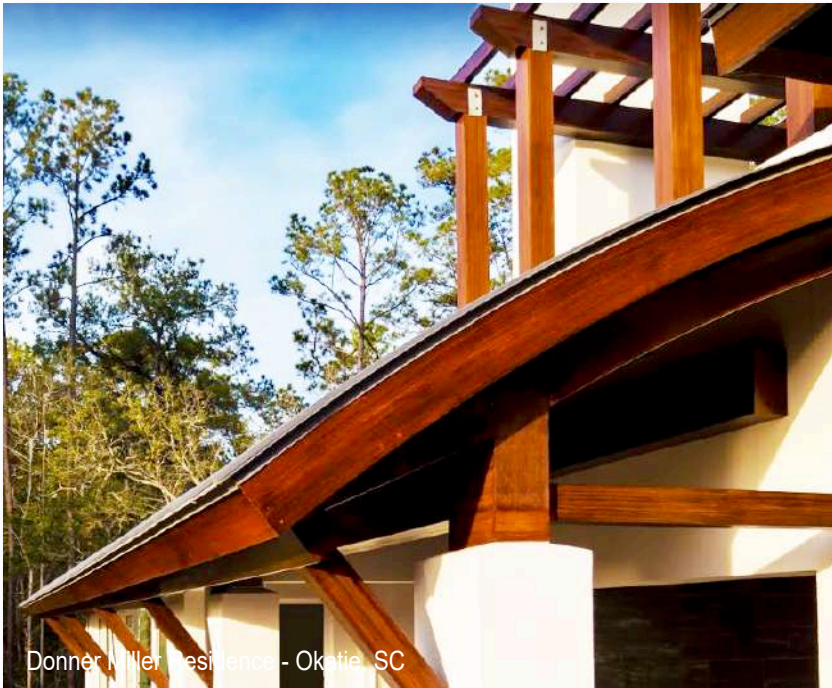
Rip Curl Surf Shop - Santa Monica, CA



Brickell City Center - Miami, FL



Residential Bath Remodel - Drury Design



Donner Miller Residence - Okatie, SC



Vancouver Waterfront Block 9 & 12- Vancouver, WA



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