



Plyboo Flat Grain

Flat grain bamboo is available in plywood, flooring and veneer. This look captures best the natural aesthetic of bamboo. Flat grain works well in both a commercial or residential environment, and can be specified FSC-certified with no added urea-formaldehyde (PlybooPure).

LEED® Credits

MR 6: Rapidly Renewable Materials

MR 7: Certified Wood

PlybooPure: EQ 4.4: Low-Emitting Materials (No Added Urea Formaldehyde)

All Plyboo Flat Grain products can be specified PlybooPure

All PlybooPure Flat Grain products are compliant with California Section 01350

Plywood



Kitchen

by Cheng Design

Plywood

Flat grain, natural

Plyboo architectural plywood is made from 100% rapidly renewable bamboo. This plywood can be cut and sanded using conventional woodworking equipment and offers excellent dimensional stability. It can also be glued or mechanically fastened using the same materials and fasteners commonly used with wood. Available in both an amber and a natural light tone, Plyboo bamboo plywood is sanded to a smooth 180-grit and is an open-grained material that takes stains and finishes exceptionally well. FSC-certified and urea formaldehyde-free (PlybooPure) bamboo panels are now available.



Plyboo flat grain plywood (100% bamboo)



Amber



Natural

1-inch, 3-ply
1" x 48" x 96"
BP-0196A

³/₄-inch, 4-ply
³/₄" x 48" x 96"
BP-L4896A

³/₄-inch, 3-ply
³/₄" x 48" x 96"
BP-4896A

¹/₂-inch, 3-ply
¹/₂" x 48" x 96"
BP-1296A

¹/₄-inch, 3-ply
¹/₄" x 48" x 96"
BP-1496A

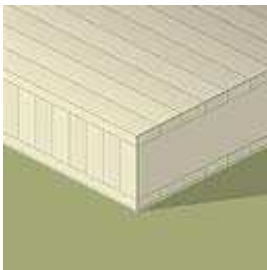
1-inch, 3-ply
1" x 48" x 96"
BP-0196N

³/₄-inch, 4-ply
³/₄" x 48" x 96"
BP-L4896N

³/₄-inch, 3-ply
³/₄" x 48" x 96"
BP-4896N

¹/₂-inch, 3-ply
¹/₂" x 48" x 96"
BP-1296N

¹/₄-inch, 3-ply
¹/₄" x 48" x 96"
BP-1496N



Construction detail, 3-ply

PlybooPure FSC-certified product specifications and orders, add –NAF/FSC as a suffix to each product number above, i.e.: BP-XXXXXX-NAF/FSC



Accessories

VNT-500A

Amber flat grain edge banding
0.6mm x 7/8" x 500'

VNT-500N

Natural flat grain edge banding
0.6mm x 7/8" x 500'

BHN-1897A-NAF

Amber flat grain veneer (no added urea formaldehyde)
2mm x 18" x 97"

BHN-1897N-NAF

Natural flat grain veneer (no added urea formaldehyde)
2mm x 18" x 97"

Plyboo flat grain full technical product information

Material

100% bamboo

Standard sizes

1" x 48" x 96"
3/4" x 48" x 96"
1/2" x 48" x 96"
1/4" x 48" x 96"

Finish

Unfinished

Fire rating

Fire resistance classification: Class C
Test surface burning in accordance with ASTM E 84

Dimensional stability

80%-20%

relative humidity

3/4" 3-ply cross core

Linear expansion:

Parallel: -0.09%

Perpendicular: -0.07%

Thickness swell: -0.39%

LEED® credits

Original Plyboo

MR 6: Rapidly Renewable Materials

PlybooPure FSC-Certified

MR 6: Rapidly Renewable Materials

MR 7: Certified Wood

EQ 4.4: Low-Emitting Materials (no added urea-formaldehyde)

Weight

1" x 48" x 96" – 110lbs per piece
3/4" x 48" x 96" – 90lbs per piece
1/2" x 48" x 96" – 65lbs per piece
1/4" x 48" x 96" – 35lbs per piece



Certification



SW-COC-003124

The material in this product comes from well-managed forests, independently certified in accordance with the rules of the Forest Stewardship Council.

Flooring



Private residence

Woodside, CA

Flooring

Flat Grain, amber

Unique to the hard surface flooring industry, Plyboo has become the most recognizable and respected name in bamboo flooring and can be found in retail, commercial, and residential projects throughout America. With its durability, easy installation and good looks, Plyboo is specified for its environmental credentials and its versatility. Plyboo bamboo flooring is produced prefinished or unfinished in a natural or amber color, and is available urea formaldehyde-free PlybooPure or FSC-certified PlybooPure. A comprehensive range of trim moldings is also available.



Plyboo Flat Grain Flooring - 100% Bamboo



Amber

21.75 square feet per box

Prefinished

$\frac{5}{8}$ " \times $3\frac{5}{8}$ " \times 72"

FL-5872PA-NAF

Unfinished

$\frac{5}{8}$ " \times $3\frac{5}{8}$ " \times 72"

FL-5872UA-NAF



Natural

21.75 square feet per box

Prefinished

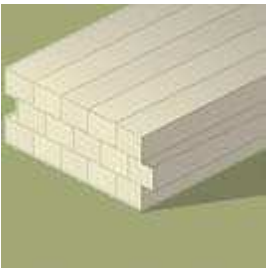
$\frac{5}{8}$ " \times $3\frac{5}{8}$ " \times 72"

FL-5872PN-NAF

Unfinished

$\frac{5}{8}$ " \times $3\frac{5}{8}$ " \times 72"

FL-5872UN-NAF



Construction detail

PlybooPure FSC-certified product specifications and orders, add –NAF/FSC as a suffix to each product number above, i.e.: FL-XXXXXX-NAF/FSC

Accessories

- [Trim moulding](#)

Plyboo flat grain full technical product information

Material

100% bamboo

Standard sizes

$\frac{5}{8}$ " \times $3\frac{5}{8}$ " \times 72"

Finish

Multi-coat Polyurethane System or Unfinished

Fire rating

ASTM E-648 Critical Radiant Flux, Class 1



Hardness

ASTM D1037, Janka Ball Hardness Test

Flat Grain Natural: Avg. 1800 lbf

Flat Grain Amber: Avg. 1450 lbf

Dimensional stability

80%-20%

relative humidity

ASTM D1037

Linear expansion:

Parallel: -0.04%

Perpendicular: -0.13%

Thickness swell: -0.17%

LEED® credits

PlybooPure

MR 6: Rapidly Renewable Materials

EQ 4.4: Low-Emitting Materials (no added urea-formaldehyde)

FSC-Certified

MR 6: Rapidly Renewable Materials

MR 7: Certified Wood

EQ 4.4: Low-Emitting Materials (no added urea-formaldehyde)

Finish rating

ASTM D4060, CS 17 wheel, taber abrasion and ASTM D3359 adhesion

23500 rotations, 4B adhesion rating

Weight

$5/8'' \times 3 \ 5/8'' \times 72''$ – 50lbs per box

Certification



SW-COC-003124

The material in this product comes from well-managed forests, independently certified in accordance with the rules of the Forest Stewardship Council.

Veneer



Commercial

Molex Headquarters
 SEC & Associates Arch.
 Bamboo veneer

Plyboo bamboo veneer is manufactured either sheet-sliced or re-sawn. Sheet-sliced veneer is available in amber or natural, in flat or edge grain. Re-sawn veneer is available in amber or natural, flat, edge or end grain. A rotary-cut bamboo veneer is also available upon request. All 0.6mm flat-grain veneers are FSC-certified.



Amber



Natural

0.6mm

0.6mm x48" x 97"
 BHN-4896A

2mm

2mm x18" x 97"
 BHN-1897A-NAF

0.6mm

0.6mm x 48" x97"
 BHN-4896N

2mm

2mm x 18" x 97"
 BHN-1897N-NAF



Plyboo flat grain full technical product information

Material

0.6mm - Bamboo with fleece or paper back

2mm - 100% bamboo with no added urea formaldehyde

Standard sizes

0.6mm x 48" x 97"

2mm x 12" x 120"

2mm x 18" x 97"

Finish

Unfinished

