

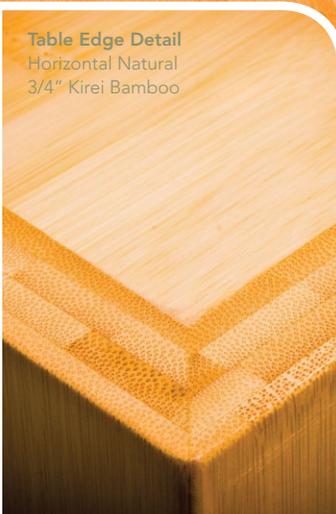
# Kirei Bamboo

organic contemporary



Table Edge Detail  
Horizontal Natural  
3/4" Kirei Bamboo

Table + Chairs | Guild Restaurant  
Horizontal Carbonized Kirei Bamboo



## The Tao of Kirei:

Pronounced "Key'-ray," Kirei is the Japanese character signifying "clean" or "beautiful."

We have chosen Kirei as the name for our company to reflect our dedication to the principles of elegant, sustainable design.

**Kirei Bamboo** is an eco-friendly panel material with a variety of surface and millwork looks usable in modern interior design and finished products. Bamboo is a rapidly renewable, sustainable resource, and we use low- or no-added urea formaldehyde for the production of our panels, so Kirei Bamboo can help your projects meet **LEED™** specifications.

Use **Kirei Bamboo** in architectural, millwork and finished product applications:

- |                        |                 |
|------------------------|-----------------|
| Architectural Millwork | Interior Design |
| Wall Covering          | Cabinetry       |
| Retail Displays        | Flooring        |
| Furniture              | Restaurant      |
| Finished Products      | Hotel           |

## Kirei and LEED

Kirei design elements can help your projects gain LEED credit for environmentally friendly construction.

## Kirei Zero™ NAUF Bamboo

**Kirei Zero™ Bamboo** panels are manufactured using No Added Urea Formaldehyde (NAUF) adhesive, meeting European E0 and CARB formaldehyde emissions standards. Use of NAUF adhesive reduces formaldehyde emissions and can help your projects gain additional LEED credit for Low Emitting Materials. If your project requires NAUF bamboo, please specify Kirei Zero™ bamboo.



Coffee table, Zebra Horizontal Bamboo  
Designer: JL Furnishings

# kirei.

For Sales & Product Information:

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# Kirei Bamboo Specifications:

Kirei Bamboo is an eco-friendly modern millwork material manufactured from the fast-growing trunks of the Moso Bamboo grass and a low- or no-added-urea-formaldehyde adhesive. Bamboo Paneling is strong and dense, and can be used in a wide variety of millwork applications.

## Kirei Bamboo Panels:

**Panel Size** 1220mm x 2440mm (48"x96")

**Thickness** 1/4", 1/2", 3/4"

*Custom panel sizes & thicknesses available*

**Face Grain Styles** Horizontal, Vertical, Zebra

**Lamination Styles** Solid, 3-Ply Horizontal Core  
3-Ply Vertical Core, 2-Ply

**Fire Rating** Class C  
*(May reach Class A using commercial flame retardants)*

### Colorways



## Kirei Bamboo Veneer

**Sheet Size** 2500mm x 1250mm (98.4" x 49.2")

2500mm x 430mm (98.4" x 16.9")

**Thickness** 0.6mm (1/42")



## Kirei Bamboo Edge Tape

**Width** 22mm (7/8")

44mm (1-3/4")

**Thickness** 0.6mm (1/42")

**Roll Length** 50', 500'



## Kirei Bamboo Countertop

**Width** 2440 x 635 x 38 mm (8' x 25" x 1-1/2")

2440 x 1220 x 38 mm (8' x 4' x 1-1/2")

**Thickness** 1.5"

**Colorways** Natural, Carbonized



## Fabrication Guidelines

Kirei Bamboo is machinable using standard fabricating techniques applicable for wood-based products.

### Cutting:

For best results use a high-quality saw blade, feeding the material at a uniform speed through the saw. Solidly back panels to prevent chipping along kerf on the saw tooth exit side. Finishing material with a sealer coat can help avoid chipping along saw cuts.

### Drilling:

A high-speed drill is recommended. To avoid chipout or breakage on the exit side, back the panel with scrap material.

### Routing:

A speed of 20,000 RPM is recommended using double-fluted router bits.

### Filling:

Standard wood putty can be used to fill any chips or holes caused by cutting and sanding. Select a color that best matches the color of Kirei Bamboo or your finish color.

### Fastening:

All fastening methods may be used, including nail, staples, rivets, screws, bolts, glue or combination. Type A or AB, sheet metal, twin fast types and fully threaded screws designed for use in particle board offer better withdrawal resistance than wood screws. Pre-drilled pilot holes are recommended for the size screw used. If nailing, use spiral or ring shank nails for extra holding power.

(Note: Nailing or screwing into edge grain may result in lower screw holding power due to fewer cross-layers being engaged.)

### Finishing:

Kirei Bamboo panels can be filled, sealed, painted, stained or varnished with most commercial finishing materials including short and medium oil length primers, fillers, lacquers, and synthetic base coats and topcoats and high temperature bake and acrylic and epoxy systems. The panels should be at stable room temperature (70 degrees F and higher) when coated. Kirei recommends Low-VOC emission finishes.

Please allow Kirei Bamboo to acclimate to local temperature and moisture conditions prior to use.

## Environmental Benefits

### Rapidly Renewable

Kirei Bamboo reduces forest clear-cutting and indoor air pollution. Bamboo is a rapidly renewable resource with a fast growth cycle, resulting in higher material yield per acre than tree planting. (Panda Safe!)

### Low or No Added Formaldehyde

In addition, Kirei Bamboo is made using a low- or no-added formaldehyde MDI adhesive. Specify Kirei Zero™ NAUF Bamboo panels if your project requires No-Added-Urea-Formaldehyde bamboo.

### LEED

Kirei Bamboo can be an excellent way to help your projects qualify for LEED credit for environmentally friendly construction.



Cutting Board | Designer: Paul Basile