

Specification sheet

Shinnoki panels – www.shinnoki.com

SHINNOKI®
prefinished wood panels

Description

Ready-to-use wood veneered panels, brushed, stained and lacquered, requiring no additional finishing. Available in a range of 16 different designs, adapted to all styles. Thanks to the unique mixmatch technique where veneers from different trees with varying slicing techniques are randomly jointed, the result is a high quality and stable board with the looks of a solid panel. Matching prefinished veneer laminates and edge bandings are also available.

Applications

Shinnoki panels are only suited for interior applications. Most common applications are home cabinetry, kitchen fronts, dressings, fixed furniture, reception desks, office cabinets, hotel closets, etc... Shinnoki is not suitable for horizontal use in kitchens, bathrooms or similar humid areas.

Technical details

- Dimensions: length 2790mm, width 1240mm and thickness 19mm (3/4" x 4' x 9')
- Composition: top layer of real wood veneer stained and protected with six layers of UV cured acrylate urethane lacquer, applied sequentially by means of a rolling technique and intermediate curing; a core of HDF with high density of 730kg m³ and a backing layer of veneer. The double-sided panels are both sides equally finished with the design Shinnoki. The single-sided panels have a backing of technical veneer which is stained and lacquered to ensure a reasonably match with the front side in order to guarantee stability as well as a perfect protection against moisture.
- Bonding: The HPLT-press procedure used by Decospan (High Pressure Low Temperature) guarantees the best quality for each panel. The bonding is done according to the DSI-method, which ensures complete saturation of the wood fibers and tightens the top layer to a large extent.
- Packaging: Single-sided Shinnoki panels: 25 panels per pack, protected with a cardboard cover sheet. Gross dimensions per pack: 2800x1250x580 mm (49.2" x 110.2" x 22.8"). Gross weight per pack: 1200 kg (2646 lbs) Double-sided Shinnoki panels: 15 panels per pack, protected with a cardboard cover sheet. Gross dimensions per pack: 2800x1250x390mm (49.2" x 110.2" x 15.4"). Gross weight per pack: 720 kg (1587 lbs).
- If the stamp on the edge of the board can be read normally, the top of the board is the side with the Shinnoki design.
- Edge banding: Available as prefinished, through and through colored, not pre-glued 0,6mm veneer edge banding as well as 1 mm (1/25") ABS edge banding. Both options come in 24 mm (15/16") and 48 mm (1 7/8") height. The 0.6 mm (1/42") veneer edge bands are wrapped per roll of 100m (328 ft). The color and structure of the ABS-edges are aligned with the Shinnoki designs. These are available per rolls of 50m (164 ft).
- Correction pens: Correction pens in matching colors are available for small corrections to panels or edges.

Technical specifications of a board

- Gloss: 10% +/- 3%
- Hardness of the lacquer 1,5N
- Color fastness Scale > 6
- Color stability Class 4
- Reflectance 45
- Resistance to burning cigarettes Class 3
- Well managed forests FSC®
- PCP PCP-free
- Formaldehyde emission E1 (no added formaldehyde)
- Warranty 2 years

Complete and up-to-date specifications to be found on www.shinnoki.com .

Available colors:

- Natural Oak
- Ivory Oak
- Milk Oak
- Desert Oak
- Manhattan Oak
- Granite Walnut
- Chalk Ash
- Dusk Fraké
- Stone Triba
- Mineral Triba
- Frozen Walnut
- Cinnamon Triba
- Smoked Walnut
- Stardust Walnut
- Chocolate Oak
- Raven Oak

Textures can be downloaded from www.shinnoki.com .

Sustainability

Only green energy is used for the production of Shinnoki. During the production process, no urea formaldehyde is added nor products with harmful VOCs (Volatile Organic Compounds) are used. The MDF and wood veneer comes only from responsible forestry and are FSC® certified. When gluing the veneer layers on the panel, bio energy is used to generate heat.

Maintenance

Shinnoki panels are finished with 6 layers acrylate urethane lacquer and thus easy to maintain. Normal maintenance involves no more than removing dust with a soft, dry cloth. A slightly damp cloth can also be used, but be careful not to use too much water. If liquids are spilled, it is recommended that they should be dried off immediately to avoid damp patches being left. Tough dirt can be removed using water and a mild cleaning agent or a detergent. Never use a cleaner based on acetone or ethyl butyl acetate; these substances can leave marks that cannot be removed. Wax and oil can also cause damage.

Processing

Shinnoki is as easy to process as a melamine board. More information can be found on the website www.shinnoki.com. Also detailed instruction videos explain the ease of use for different processing challenges.