

## Shinnoki panels – www.shinnoki.com

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 sheet with the looks of a solid panel. Matching prefinished veneered laminates and edge bandings are also available.

#### 1 DESCRIPTION

**Type:** Shinnoki is a range of ready-made wood veneered panels: brushed, stained and lacquered, so that they do not need any further finishing. The veneer is mixmatch joined in order to obtain a more uniform quality and it is available in an exclusive color palette of 16 contemporary tints. Matching edge bandings and laminates are available. The Shinnoki laminate is a bendable sheet made up of stained and lacquered real wood veneers laminated to a paper impregnated with a phenolic resin.

Thickness: MDF panel: 18 mm, veneer: 0.6 mm<sup>1</sup>

**Splicing method:** mixmatch

**Finishing:** - Environmentally friendly acrylate urethane UV-cured varnish (99.5% solids)

- Matt finish (10% gloss, +/- 3%)

- Stained using water-based varnishes

**Protection:** Removable transparent protective foil on both sides

### Packaging:

### Single-sided Shinnoki panels:

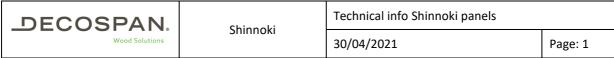
25 panels per pack. Gross dimensions per pack: 2800x1250x580 mm ( $49.2" \times 110.2" \times 22.8"$ ). Gross weight per pack: 1200 kg (2646lbs)

## Double-sided Shinnoki panels:

15 panels per pack. Gross dimensions per pack: 2800x1250x390 mm ( $49.2" \times 110.2" \times 15.4"$ ). 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.

Keep in mind that this is the thickness of the veneer before we process it. The final thickness may vary.





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**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 (17/8") 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).

**Correcting pens:** Correcting pens in the matching colors are available for small corrections to the panels or edges.

| 2 | TECHNICAL DATA MANUFACTURER |
|---|-----------------------------|
|---|-----------------------------|

| GENERAL PROPERTIES         |             |  |
|----------------------------|-------------|--|
|                            | TEST METHOD | PANELS                                 |
| Dimensions                 | EN14354     | 2790 x 1240 x 19 mm                    |
|                            |             | 4' x 9' x 3/4" (48.8" x 109.8" x 3/4") |
| Thickness of the top layer | EN14354     | 0,6 mm                                 |
| Deviation of thickness     | EN14354     | ≤ 0,5 mm                               |
| Deviation of squareness    | EN324-2     | ± 2 mm/m                               |
| Cup in width direction     | EN14354     | 2%                                     |
| Flatness deviation         | EN14354     | 3%                                     |
| Internal bond              | EN319       | 0,70 N/mm²                             |
| Veneer gluing adhesion     | EN204/205   | ≥ 1 N/mm²                              |
| Density                    | EN323/EN672 | 730 kg/m³                              |
| Layer thickness varnish    | EN ISO 2808 | ±55 μm                                 |
| Moisture content           | EN322       | 5%-9%                                  |
| Warranty                   | Decospan NV | 2 years                                |

| CLASSIFICATION PROPERTIES                 |               |           |
|---|---------------|-----------|
| Resistance to chemical agents             | EN 423/part 2 | grade 4   |
| Resistance to hot liquids                 | EN 12720      | grade 5 * |
| Resistance to cold liquids: food products | EN 12720      | grade 5 * |
| Resistance to cold liquids:               | EN 12720      |           |
| - detergents & cleaning agents            |               | grade 5*  |
| - acetone, ethyl butyl acetate            |               | grade 2*  |

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| ADDITIONAL PROPERTIES            |                     |                         |
|----------------------------------|---------------------|-------------------------|
| Appearance of the lacquer        | EN 438/2-5          | ok                      |
| Gloss                            | EN 2813             | 10% ± 3%                |
| Hardness of the lacquer          | DIN 53154           | 1,5 N                   |
| Impact resistance acc. to Wegner | EN 438-2/11         | ≥ 2 N                   |
| Elasticity of the lacquer        | CEN/TC112 (Brinell) | 2Hb                     |
| Color fastness                   | EN 105-B02          | grade > 6               |
| Color stability                  | EN 15187            | grade 4                 |
| Reflectance                      | EN 13721            | 45                      |
| Burning cigarette                | EN 438-2,18         | class 3                 |
| Thermal resistance               | EN 13986            | 0,16 m <sup>2</sup> K/W |
| Thermal conduction               | EN 13986            | 0,11 W/mK               |
| Biological durability            | EN 335-1/EN335-2    | pure wood               |
| Well managed forests             |                     | FSC®                    |
| Resistance to termites           |                     | good                    |

| SAFETY PROPERTIES |
|-------------------|

| VOC loss                  | EN 664        | <2,1%                     |
|---------------------------|---------------|---------------------------|
| Formaldehyde emission     | E1 (EN 717-1) | E1 non added formaldehyde |
| Formaldehyde emission     | E1 (EN 717-2) | E1 non added formaldehyde |
| Exudation of plasticizers | EN 665        | <1%                       |
| PCP (pentachlorophenol)   | CEN/TR 14823  | <5ppm                     |

- \* 5 No visible change.
- 4 Barely visible change in gloss and colour.
- 3 Small changes in gloss or colour; the structure of the tested surface was unchanged.
- 2 Severe marking visible, but the structure of the tested surface was largely undamaged.
- Severe marking visible and the structure of the tested surface was affected.
- O Test surface badly affected or destroyed.

## 4 OTHER DOCUMENTS

- Shinnoki folder
- Specification sheets
- Pure Wood Charter
- FSC® Certificate



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5 CONTACT

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