

GLUED LAMINATED TIMBER | PANELS

GENERAL INFORMATIONS	
Merchandise category	Wood panels
Timber species	Walnut (<i>Juglans nigra</i>)
Production site	Din doo, Elda Dvoro Doo, Lipovljani Lignum Doo - Croatia; Flo.it - Vazzola, Italy
Colour	Natural colour of walnut
Moisture	8 (±2) % for service class 1 - dry conditions (UNI EN 322:1994)
Finishing	Grit 100
Adhesives	D3 vinyl type (UNI EN 205:2016)
Formaldehyde emission	Classe E1 (UNI EN ISO 12460-3:2015)

DESCRIPTION:

These are very massive panels that maintain their shape perfectly and are used in the wood furniture industry, for high-quality production. Following types are available: solid panel, finger-jointed panel and engineered (3 layers) panel.

Solid panel

This panel is composed by one walnut massive strip. Thickness: 20 to 45 mm. Width: 650-900-1210 mm and others on demand. Length: 800 to 3600 mm. Stave: 40 to 120 mm.

Quality classes:

- A/B: predominantly defects free. Pin knots, sapwood stripes and sound knots of max 20 mm allowed.
- A/X: one face predominantly defects free. On the back-face pin knots and sound knots of max 20 mm allowed; sapwood allowed without limitation
- R (rustic): sound and unsound knots allowed without limitation; sapwood stripes allowed on one face

Finger jointed panel:

The finger jointed panel is composed by several wood elements that are joined together through an interlocking system, with the finger joint parts slightly visible. Thickness: 20 to 45 mm. Width: 650-900-1210 mm and others on demand. Length: up to 5000 mm. Stave: 40 to 70 mm.

Quality classes:

- A/B: predominantly defects free. Pin knots, sapwood stripes and sound knots of max 20 mm allowed.
- B/X: knots, discoloration and sapwood allowed on both faces
- R (rustic): sound and unsound knots allowed without limitation; sapwood stripes allowed on one face

Engineered panel (3 layers):

- **100% Walnut:** this is the top quality product. The panel is extremely solid, composed by 2 external walnut lamellas and an internal 100% walnut layer, to confer high stability for every use. Thickness of the top face: 4-3.3 mm. Total thickness 20 mm and others on demand. Standard width 1210 mm. Standard length 2350- 2150- 1850-1175 mm.
- **Birch Plywood:** this is the cheaper alternative. The panel is solid, composed by 2 external walnut lamellas and an internal layer of birch plywood. Total thickness 20-26-28 mm and others on demand. Standard width 1210 mm. Standard length 2350- 2150- 1850-1175 mm.

The top face is available in the following quality classes:

- A/B: predominantly defects free. Pin knots, sapwood stripes and stain allowed
- R (rustic): knots, filled cracks and checks, stain and sapwood allowed
- RR (heavy rustic): no limitations

Quality classes of the top face can be merged together, depending on costumers' demand, in order to obtain different aesthetical results.

CERTIFICATION:

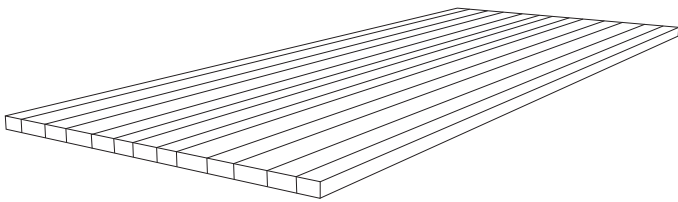
It is possible to ask for FSC® certified panels.



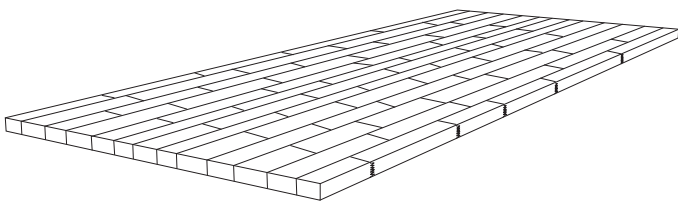
NOTE:

The panel respects the requirements of the norm **UNI EN 13353-2011** "Solid wood panels- Requirements".

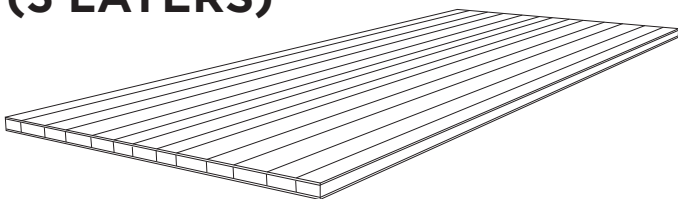
SOLID PANEL



FINGER JOINTED PANEL



ENGINEERED PANEL (3 LAYERS)



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