

3D Panel Technical Data

General Definition:

The 3D embossed panels are elements with special developed veneer and/or melamine resins with a core of MDF or PLYWOOD.

Range of applications:

Furniture industry for facing, visible sides, fillings, covers, and so on. Interior wall and ceiling covering, sliding doors, architectural doors, etc.

Size accuracy:	+/- 2.0mm per meter
Straightness:	+/- 3.0mm per meter
Thickness allowance:	+/- 0.3mm
Density (kg/m³)	approximately 800 -920kg/m³

Packing: the entire surface lying on pallet.

Storage: In dry and moisture/frost free with sufficient ventilation.
The boards have to be stored with the entire surface lying. Boards with veneer should be sun-protected. Sufficient conditioning before processing is also very important.

Sawing: Use sharp hard metal sawing blades and a low sawing feed rate.
Scoring is not essential.

Milling: Use hard metal tools for milling and profile cutting.

Drilling: The standard drilling tools for woodworking could be used.

Screws: We recommend primary drilling before using screws to avoid splitting.

Gluing: Standard wood glues and adhesives could be used. Formaldehyde-free glues are recommended.

Lacquering: Please follow the instructions of your lacquer manufacturer.

Recycling: Thermal/Energy recovery of the boards is uncomplicated (no PVC).

Explanatory notes: The given details in this data sheet derive by our technical control and application experience. These data do not represent guarantee of condition in the legal sense or an assurance of the characteristics.

Please contact us about precast elements or any questions about our products

Size Specification of 3D panels

Name	Code	Dimensions	Direction of 3D Structure	Direction of Venner Grain
Plegma	901	2200x1040x4,5 2200x1040x18,5	Along the Length and the width of the panel	Along the Length of the panel
Palaiomeno	902	2200x1040x4,5 2200x1040x18,5	Along the Length of the panel	Along the Length of the panel
Poros	903	2200x1040x4,5 2200x1040x18,5	Along the Length of the panel	Along the Width of the panel
Lithos	904	2200x1040x6,5 2200x1040x19,5	Along the Length of the panel	Along the Length of the panel
Kima	905	2200x1040x4,5 2200x1040x18,5	Along the Length of the panel	Along the Length of the panel
Plinthos	907	2200x1040x8,5 2200x1040x21,5	Along the Width of the panel	Along the Width of the panel
Taglio Sega	906	2200x1040x4,5 2200x1040x18,5	Along the Width of the panel	Along the Length of the panel
Taglio sega incontinuo	601	3050x1220x17,0	Along the Width of the panel	Along the Length of the panel
Asimetro	602	Varies (maximum 1050mm)		
Anziano	603	2500x1250x19,0	Along the Length of the panel	Along the Length of the panel
Vathiporo	604	2500x1250x19,0	Along the Length of the panel	Along the Length of the panel

Tolerance of thickness 3-5% due to high pressure on the wood layers of the 3d panel

For minimum quantity of 2cubic meter, any thickness could be produced within the limits of each stamp.