



Description

Melamine plywood is an engineered wood material produced with decorative paper impregnated with melamine formaldehyde resin. The melamine layer enhances moisture and scratch resistance, while also providing a smooth, aesthetically pleasing surface.

The melamine-impregnated decorative paper is pressed onto the board surface under high pressure and temperature to ensure strong adhesion. This pressing process is carried out precisely to avoid peeling or blistering on the surface. With high aesthetics, melamine plywood is widely used in the production of **furniture, kitchens, partitions**. Based on client's request, there are diverse of colors and patterns.

Specifications

Properties		Properties	
Origin	Made in Vietnam	Thickness tolerance	± 0.5mm
Structural Rating	Non structural	Moisture	<12%
Wood Materials	Legally sourced plantation wood. Reliable origin	Formaldehyde emission	E0/E1 CARB P2
Core veneer	Acacia, Eucalyptus, Rubber	Proportion	580-620kg/m ³
Melamine Colors	Grey, White and Black	Glue	MR
Melamine Paper	120/125 gsm		

Sizes (mm): 2440*1220						
Nominal Thickness (mm)	5	9	12	15	18	21
Number of Plies	3	5	7	9	11	13

Melamine Techniques

Number	Characteristic	Units	Standard
1	Basic weight	GSM	40-135
2	Abrasion resistance (IP value)	Revolutions	≥ 500
3	Stain resistance	Rating	
4	Surface soundness	Mpa	≥ 1.1

Packaging

Characteristics	Dimension (mm): 2440*1220						
	5	7	9	12	15	18	21
Thickness (mm)	5	7	9	12	15	18	21
Number of boards per Pallet	180	136	104	80	65	54	46
Number of Plies	3	4	5	7	9	11	13

Handling and Storage

Warehouse shelving systems can be used to optimize space utilization and provide easy access to different sizes and types of boards. Organizing boards based on size, thickness, and color can streamline inventory management. A dry environment is important for the storage of melamine boards to avoid warping or swelling due to moisture absorption. Boards should be stored on a flat surface to avoid warping, and away from direct sunlight and sudden temperature changes.