

PHYSICAL PROPERTIES OF AN CUONG LACQUERED LAMINATE PANEL

Version 2026

1. General Information

Brand	An Cuong Lacquered Laminate Panel
Size	1220 x 2440 mm (±2mm)
Thickness	6mm - 25mm (±0.1mm)
Composition	MDF HMR coated with Lacquered laminate foil
Material Description	PVC / PET / PPET - Safe and environmentally friendly materials

2. Test Results

Properties	Unit	Standard	Test Method
Bending strength (MOR)	N/mm ²	≥ 22	EN 310
Modulus of Elasticity (MOE)	N/mm ²	≥ 2300	EN 310
Internal Bond (IB)	N/mm ²	≥ 0.7	EN 319
Thickness swelling (24hrs)	%	≤ 7	EN 317
Formaldehyde Emission - STD	mg/m ³	≤ 0.124	ISO 12460-1
Scratch Resistance	Visual	2H - 3H	ISO 15184
Stain Resistance	Level	5	UNI EN 12720
Light Resistance	Grey Scale	5	UNI EN 4892-2:2013
Wear Resistance	Level	4	UNI EN 438/10
Gloss (at 60° angle)	Gloss Unit	3 ± 1	ASTM D523

- Actual specifications may vary depending on application and intended use.
- This specification is provided for reference only and is subject to change without prior notice.