

Parameters	Test Method	Property or Attribute	Unit	Airolam Values
Thickness Variation	IHD-W-454		mm	±0.5mm
Density	EN-323	Density	kg/m ³	725
Dimension Tolerance	EN-324-1		mm	+/- 0.5
Micro Scratch Resistance (Martindale)	HID-W-466	Appearance	Rating	Class 1, Loss of Gloss<20 %
Adhesion (Cross Cut)	IHD-W-464		Rating	0
Gloss Level at 60 ⁰ angle	EN 14323		Level	>93
DOI Value	RHO Point meter		Level	>93
RIQ Value	RHO Point meter		Level	>75
Abrasion Resistance	IHD-S-461	Wear Resistance	Class	Stress Class-3
Resistance to water steam	EN 14323	Appearance	Rating	>4
Resistance to Dry Heat	EN-438	Appearance	Rating	>5
Resistance to Cracking	EN 14323	Appearance	Rating	>5
Resistance to Impact Stress (Large Diameter steel wall)	EN 14323	Drop height	cm	>100 cm
Modulus of Rapture	EN-310	Stress	N/mm ²	>28
Internal Bonding	EN-319	Stress	N/mm ²	>0.80
Screw Withdrawal Face---- Edge-----	EN-320		N	>1600 >1250
Formaldehyde content(E1) CARB P2	EN ISO 12460-5 (atro bd)		mg/100gm of dry sample	≤2.5 mg/100gm of dry sample
Scratch Resistance BYK Gardner 12403	DIN 68861 T4		N.A	2.5



Specification

Gloss Meister High Gloss PU+ Acrylic Panel is a 2440mm x1220mmx18mm decorative high gloss lacquered panel with modified Poly Urethane coating reinforced with acrylic polymer on double faced melamine E1 Grade MDF Board for Interior Applications

Note: All our products comply to applicable standards, but results may differ based on the application and handling of the product. Please refer <https://airolam.com/> for warranty clauses.