

Test Specification of Merino Gloss Meister

Product Type : Gloss Meister

Product Thickness : 16 mm & 18 mm

Parameters	Test method	Property or Attribute	Unit (max or min)	Merino Value
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
Adhesion (Cross Cut)	IHD-W-464		Rating	0
Gloss Level at 60° Angle	EN 14323		Level	>93
DOI Value	RHO Point meter		Level	>93
RIQ Value	RHO Point meter		Level	>92.5
Abrasion Resistance	IHD-W-461		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
Modulus of Rapture	EN-310	Stress	N/mm ²	>32
Internal Bonding	EN-319	Stress	N/mm ²	>0.80
Screw Withdrawal Face---- Edge----	EN-320		N	>1850 >1350
Formaldehyde content 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
Anti-Bacterial Efficacy	JIS Z 2801:2010	Microbial activity & microbial kill	R≥2	Complies
Anti-fungal Efficacy	E 01/1269 or ASTM G-21:2015	Antifungal Qualitative	Rating 0	Complies

Specification Language

Gloss Meister High Gloss PU+ Acrylic Panel is a 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.