



ECONOMY ♦ EXCELLENCE ♦ ETHICS

GLOSS MEISTER Technical specifications

Decorative surface characteristics

Properties	Description	Standards	Typical values	NEMA LD 3-2005
			Solid colors / Prints	Grade VGL
Wear Resistance	Measure of the ability of the surface to keep its design or color under abrasive wear	NEMA LD 3-2005	400 cycles	400 cycles
Appearance	Presence of visual defects on decorative surface	NEMA LD 3-2005	No surface defects	No surface defects
Scratch Resistance	Measure of the ability of decorative surface to scratch by diamond tip tool	EN 438 2.14 - 91	3.7N -4.2N	n/a
Stain Resistance	Measure of the ability of the decorative surface to resist to stain when exposed to 15 household products	NEMA LD 3-2005	1 to 10 no effect 11 to 15 moderate	1 to 10 no effect 11 to 15 moderate
Cleanability	Measure of the ability of a decorative surface to be cleaned when exposed to 15 soiling agents	NEMA LD 3-2005	Max 20	Max 20
Light Resistance	Measure of the ability of a decorative surface to retain its color when exposed to a light source close to sunlight	NEMA LD 3-2005	Slight	Slight
High Temperature Resistance	Measure of the ability of a decorative surface to maintain its color and aspect when exposed to high temperatures	NEMA LD 3-2005	Slight	Slight
Radiant Heat Resistance	Measure of the ability of a decorative surface to resist any damage when exposed to a radiant heat source	NEMA LD 3-2005	No effect after 60 seconds	No effect after 60 seconds
Boiling Water Resistance	Measure of the ability of a decorative surface to resist any damage when exposed to boiling water for 20 minutes	NEMA LD 3-2005	No effect	No effect
Impact Resistance	Measure of the maximal falling height of a steel ball that does not cause fracture to the decorative surface	NEMA LD 3-2005	381 mm/m 15 in	381 mm/m 15 in
Fire Resistance	Measure of flame spread rating under controlled conditions	ASTM	Class III	n/a
Warping	Measure of the maximal departure of the surface from flatness	E-84 CPA Annexe D	3 mm/m	n/a
Formaldehyde Emission	Emission rate	ANSI A208.1.99	<0.08 ppm	n/a



GLOSS MEISTER MDF BOARD SPECIFICATIONS

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- ❖ Size = 4FT X 8FT (1245MM X 2465MM)
4FT X 9FT (1245MM X 2745MM)
- ❖ Density = 720 – 750 Kg/m³
- ❖ Moisture Content = Max 10%
- ❖ Thickness Tolerance
 - Between Panels = 0.2mm
 - Within Panels = 0.1mm
- ❖ Modulus of Rupture = 11.0 N/MM²
- ❖ Modulus of Elasticity = 1,700 N/MM²
- ❖ Internal Bond = 0.36 N/mm²
- ❖ Linear Expansion = <0.40%
- ❖ Screw Holding
 - Face = 800N
 - Core = 700N
- ❖ Formaldehyde Emission = <0.09ppm
- ❖ Length – Width Tolerance = 2.0mm

MDF panels meet the following flame index:

	Test Method	Class
Raw panels	ASTM-E84	III or C
Laminated (decorative surfaced) panels	ASTM-E84	III or C