• PRODUCT DESCRIPTION

E1. m3/720 kg both faces mid-density MDF panels are covered with water& & fire proof melamine Afterwards, on one side of MDF lam and chipboard lam panels' acrylic based UV lacquer layers are cured with UV light in different levels. consequently, one side of panels turn into high gloss

• TECHNICAL DATA

• Thanks to mirror effected 92 degrees surface gloss, LAMI GLOSS panel surface will protect its natural appearance and high colored pigment look with UV cured lacquered layers for long year

• Acetone and thinners being in the first place, high resistant to all sorts of surface cleaners. Quick cleaning long lasting surface

• UV layers which are cured on the panel surface are acrylic based. Panel is completely free from any solvents

• LAMI GLOSS brings elegance with its mirror effected view to kitchens, bathrooms, offices, living rooms and bedrooms

TEST METHODS	STANDARD	RESULTS	LABORATORY
Chemical Resistance Cold Chemical Resistance	DIN 68861- 4 : 2013	Class 1B (5)	EPH (Germany)
Splice Strength	EN ISO 2409:2013	0 {OK}	EPH (Germany)
Splice Strength at panel corner	EN 14323:2004	No breaking(5)	EPH (Germany)
Surface Soundness(Insulation Test)	EN 311:2002	1.59 N/mm²	EPH (Germany)
Cold/Hot Test (40 Spins -> 1hr. 60 °C/1hr.-20 °C 15minutes in room temperature)	-	No damage	EPH (Germany)
Lightfastness Test	EN 14323:2004	>6	EPH (Germany)
Dry Heat Resistance	DIN 68861- 4 : 2013	7C (100 °C)	EPH (Germany)
Wet Heat Resistance	DIN 68861- 4 : 2013	8A (100 °C)	EPH (Germany)
Cigarette Burn Resistance	EN 438-2:2005	2	EPH (Germany)
Scratch Resistance	EN 14323:2004	>4N	EPH (Germany)
Water Vapor Resistance	EN 438-2:2005	4	EPH (Germany)
Impact Resistance (Big Ball)	EN 14323:2004	1900mm	EPH (Germany)
Width-Length-Thickness Tolerance	EN 14323:2004	Thickness:±0.5mm Width/Lenght:0.4/0.6mm	EPH (Germany)
Bending Resistance	EN 14323:2004	0.51	EPH (Germany)
Solide Color Tolerance	CIELabCH D65/10°	ΔE≤0,70	EPH (Germany)
Brightness Tolerance	EN 14323:2004	91.9(+/-5)	EPH (Germany)
Resistaness to Surface Abrasion (Taber S 42)	EN 14323:2004	Starting point:>350 Abrasion Value:>400 Class 3A	EPH (Germany)
Surface Defects	EN 14323:2004	No Surface Defects	EPH (Germany)
70 c° Oven Test	EN 14323:2004	Category 3	EPH (Germany)
Formaldehyde Ratio	EN 717-1:2005	Class E1	EPH (Germany)
Plate Thickness Inflation(Water Test)	DIN EN 317-1:1993	1.0%	EPH (Germany)
Plate Breaking point	DIN EN 310-1:1993	Glossy Up: 30.6 N/mm² Glossy Down: 36.0 N/mm²	EPH (Germany)
Plate Elastic Limit (Pressure)	DIN EN 310-1:1993	Glossy Up: 3770 N/mm² Glossy Down: 3770 N/mm²	EPH (Germany)
Micro Scratch	DIN CEN/TS 16611:2014 Method A(after 5 LB)	Average:9.5%	EPH (Germany)