



GLOSSMAX MDF PANEL 18x1220x2800 mm	REPRESENTACIONES INTERNACIONALES PARA LA INDUSTRIA DEL MUEBLE, SA DE CV (RIM-K)	REVISION: 31/08/2015
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GLOSSMAX HIGH GLOSS PANELS SPECIFICATION DATA SHEET:

Glossmax High Gloss panels are produced with an advanced unique technology, going through a variety of industrial processes, in which adhesive and UV lacquer is applied to melamine coated MDF or particle boards to achieve a decorative, shiny surfaced wood panel. In the hot coating process that achieves excellent adhesion to the melamine coated surface, PUR (Polyurethane) adhesive coating is applied to the melamine surface.



Once the Polyurethane adhesive has gone through chemical curing and outstanding hard surface which is resistant to scratches, impacts and wear is achieved. The PUR substance is also durable against UV rays. The outer layer, which hardens with the UV rays applied directly after, provides an excellent level of gloss. This technology has forged a new path in surface coating, brought forth the natural appearance and texture of solid wood and provided a solution which has simplified the surface finish application. Glossmax panels create modern, graceful furniture combinations with mirror-shine for kitchen, bath, home, office and all other decoration projects. The Glossmax glossy panels resistant to wear, impact and scratches, reflects the naturalness of wood and enriches interiors with a variety of colors and a mirror like gloss. The Glossmax glossy panel products used in furniture production as an example of stylishness and quality have started a whole new era in the sector with a technology that maintains its glossy appearance for a long time. Coated surface, PUR (Polyurethane) adhesive coating is applied to the melamine surface. Once the Polyurethane adhesive has gone through chemical curing and outstanding hard surface which is resistant to scratches, impacts and wear is achieved. The PUR substance is also durable against UV rays. The outer layer, which hardens with the UV rays applied directly after, provides an excellent level of gloss. This technology has forged a new path in surface coating, brought forth the natural appearance and texture of solid wood and provided a solution which has simplified the surface finish application. Glossmax panels create modern, graceful furniture combinations with mirror-shine for kitchen, bath, home, office and all other decoration projects. The Glossmax glossy panels resistant to wear, impact and scratches, reflects the naturalness of wood and enriches interiors with a variety of colors and a mirror like gloss. The Glossmax glossy panel products used in furniture production as an example of stylishness and quality have started a whole new era in the sector with a technology that maintains its glossy appearance for a long time.

KASTAMONU INTEGRATED FORESTRY INDUSTRY AND TRADE INC.		GLOSSMAX MDF TECHNICAL SPESIFICATIONS 18 x 2100 x 2800 mm			
TEST	PROPERTIES	METHOD	STANDARD LIMIT	UNIT	PERFORMANCE
1	THICKNESS	TS EN 324-1	≤ 20t ± 0.3 > 20t + 0.5	mm	18.05
2	DENSITY	TS EN 323	MEDALAM ± 7%	Kg./m ³	715
3	THIKNESS SWELLING (24HRS)	TS EN 317	MEDALAM MAX 6 (Kastamonu Special)	%	2.45
4	WATER ABSORTION (24 HRS)	TS EN 317	MEDALAM MAX 30 (Kastamonu Special)	%	25.00
5	MOISTURE	TS EN 322	4 - 11	%	5.14
6	RESISTANCE TO SURFACE WEAR	TS EN 14623	3B > 650	REVOLUTION	WITHOUT DESIGH 1400 DESIGHN 850
		IHD-W-461	MIN 3	CLASS	3>(1000 REVOLUTION)
7	RESISTANCE TO SCRATCH	TS EN 14323	MIN 3	NEWTON	5.5
		IHD-W-462	METHOD 1 (MIN 0.6)	NEWTON	0.80
			METHOD 2 (MIN 3)	NEWTON	6
8	RESISTANCE TO STAIN	TS EN 14323	MIN 4	CLASS	5
9	GLOSS (20)	TS EN 14323	MIN 85	GLOSS	92
10	RESSISTANCE TO CRACKING	TS EN 14323	≥ 3	CLASS	5
11	SURFECE DEFFECT	TS EN 14323	≤ 2 (POINT)	mm ² /m ²	0.5
			≤ 20 (LINE)	mm/m ²	0.2
12	CHEMICAL RESISTANCE	IHD-W-460	DIN 698861/T1 GROUP 1C FIRA STD 6250 (HORIZONTAL IMPACT) IKEA STANDARD IOS-MAT-0066 GROUP R4/R2	ACCEPTABLE	ACCEPTABLE
13	TESA ADHESIVE STRENGHT	IHD-W-463	0	CLASS	0
14	ADHESIVE STRENGHT	TS 6884	≥ 4A	CLASS	5A
		IHD-W-464	0 or 1	CLASS	1
15	MICRESCRATCH RESSISTANCE	TS EN 16094	PROCESURE A MIN MSR A4	GLOSS	MSR A5
			PROCESURE B MIN MSR B4		MSR B4