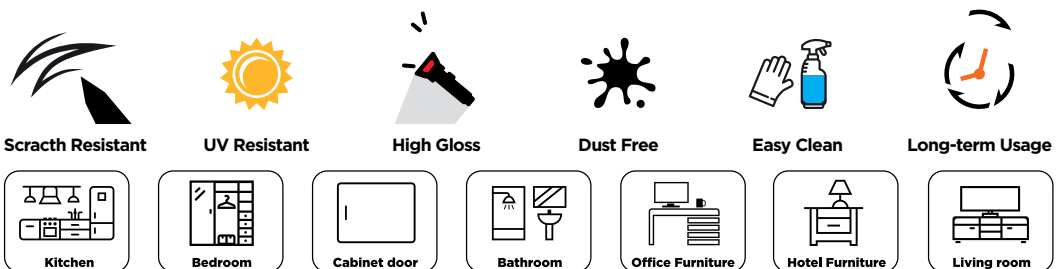


## 18MM HIGH GLOSS MDF BOARDS TECHNICAL SPECIFICATION

### 18 MM MDF TECHNICAL DATASHEET

PROPERTY	TEST METHOD	UNITS	VALUE
LENGTH AND WIDTH	TS EN 324-1	mm	± 0,2 mm/m , max ± 5
THICKNESS	TS EN 324-1	mm	± 0,2
SQUARENESS TOLERANCES (Max.)	TS EN 324-2	mm/m	± 2mm/m
DENSITY	TS EN 323	Kg/m <sup>3</sup>	± % 7
SWELLING IN THICKNESS (24h)-( Max.)	TS EN 317	%	% 12 max.
WATER ABSORPTION (24h)-Kast.	TS EN 317	%	% 40 max.
INTERNAL BOND ( Min. )	TS EN 319	N/mm <sup>2</sup>	<sup>3</sup> 0,55
BENDING STRENGTH ( Min. )	TS EN 310	N/mm <sup>2</sup>	<sup>3</sup> 20
MODULUS OF ELASTICITY (Min.)	TS EN 310	N/mm <sup>2</sup>	<sup>3</sup> 2200
WITHDRAWAL OF SCREW RESISTANCE ( SIDE CROS SECTION ) -Kast. Max.	TS EN 320	N	<sup>3</sup> 800 N.
MOISTURE	TS EN 322	%	04-Nov
SURFACE ABSORPTION	TS EN 382-1	mm	150 min.
SILIS CONTENT	TS 3643	%	0,05 max.
FORMALDEHYDE POTANTIAL (PERFORATOR VALUE)	TS 4894 EN 120	mg/100 gr.	CARB2 ≤ 3,5mg/100gr.
SURFACE SOUNDNESS	TS EN 311	N/mm <sup>2</sup>	<sup>3</sup> 1



# HIGH GLOSS DECO SHEET 300 MICRON

PROPERTY	TEST METHOD	UNIT	CARBII
			Standart Limit
Color	dE	<0.50	Against target color/light source:d65 10°
Thickness	mm	nominal ±5%	1/1000 digital gague*- 5times
Tensile Strength	kgf/mm <sup>2</sup>	md 3.0	Moving speed :50 mm/ min
	kgf/mm <sup>2</sup>	td 3.0	
Tear Strength	kgf/mm	md 5.0	Moving speed :200 mm/ min
	kgf/mm	td 5.0	
Gloss Level	GU	>85 (60°)	Gardner 60° Gloos Meter
"Top coating layer Adhesive Property"	"Value ""0"" (No separate)"	...	"Taping Test after 1 mm Cross Cutting (6*6)"
Scratch Resistance Pensil hardness	...	HB	KS M ISO 1518-2
Surface Tension (mN/m)	mN/m	>34	....
Light Fastness	dE	<0.60	ISO 4892-2, 200 Hr

Note: All data above is due to the declaration of our mdf and foil Suppliers  
Panel Size : 0.71 in\* 4" x 9" (18 mm\*1220\*2800 mm)

High Gloss Panels and Matt Panels are always first option all around the world for modern art with their clear design, deep color effects, soft touch surfaces which inspired from nature itself, high-quality and affordable price.

\*Max. 4 pcs dimples/pimples can be acceptable per sqm.

\*The perimeter of a board up to 10 mm from the edges is will not be accepted as a claim.



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