



## TECHNICAL AND PHYSICAL SPECIFICATIONS OF RAW MDF

ÇAMSAN WOOD INDUSTRY AND TRADE CORP., TURKEY

GENERAL PROPERTIES	TEST METHOD	UNIT	2,5>=4 mm	4>=8 mm	8>=12 mm	12>=18 mm	18>=30 mm	
Thickness Tolerance	EN 324-1	mm	+ 0.20	+ 0.20	+ 0.20	+ 0.20	+ 0.30	
Length and width Tolerance	EN 324-1	mm/m	+ 2.0 absolute , maximum + 5.0 mm					
Squareness	EN 324-2	mm/m	+ 2.0					
Density	EN 323	Kg/m <sup>3</sup>	815-850	815-800	780-770	760-740	730	
Density Tolerance	EN 323	%	+ 5	+ 5	+ 5	+ 5	+ 5	
Moisture Content	EN 322	%	4-11					
Formaldehyde Emission (E1) (E2)	EN 120	mg/100 gr	≤ 8.0 > 8.0 - ≤ 30.0					
Internal Bond	EN 319	N/mm <sup>2</sup>	0.65	0.65	0.60	0.55	0.55	
Bending Stenght	EN 310	N/mm <sup>2</sup>	23	23	22	20	18	
Modulus of Elasticity	EN 310	N/mm <sup>2</sup>	-	2700	2500	2200	2100	
Thickness Swelling 24 hrs (max)	EN 317	%	35	30	12	10	8	
Surface Absorption	EN 382-1	mm	150	150	150	150	150	
Screwholding	EN 320	N	not applicable for thicknesses less than 15 mm			1000	1000	
Face Edge						800	750	
Standard Size / Thickness		mm	for 1830 x 3660 for 2100 x 2200 – 5660 for 2440 x 2100		8/10/12/14/16/18/22/25/30 4/6/8/10/12/14/16/18/22/25/30 2,5(unsanding) /3/6/8/10/12/14/16 18/22/25/30			
			for 1220 x 2440 or 2440 x 4250		2,5(unsanding) /3/6/8/10/12/14/16 18/22/25/30			

## PVC HIGH-GLOSS DECO SHEET 0,3 MM X 1270 MM

<b>Thickness</b> <b>DIN EN ISO 2286-3</b>	300 $\mu\text{m} \pm 10 \mu\text{m}$
<b>Color Tolerance</b> <b>X-Rite Ci6x-Ci7 / d65/10° / CIELAB</b>	$\Delta E^* : \leq 0,8$ $\Delta L^* : \pm 0,4$ $\Delta a^* : \pm 0,35$ $\Delta b^* : \pm 0,4$
<b>Density</b>	$\geq 1,5 \text{ g/cm}^3$
<b>Tensile Strength</b> <b>ISO 527-3</b>	Longitudinal: $\geq 45 \text{ N}$ Transversal: $\geq 40 \text{ N}$
<b>Elongation at Break</b> <b>ISO 527-3</b>	Longitudinal: $\geq 20 \%$ Transversal: $\geq 25 \%$
<b>Scratch Resistance</b> <b>TS RN 15186 / DIN EN ISO 68861-4</b>	$\leq 0,3 \text{ N}$
<b>Gloss Level</b> <b>Rhopoint 20 ° Gloss Meter</b>	$\geq 80 \text{ GU}$ $\geq 80 \text{ DOI}$
<b>Light Fastness</b> <b>DIN EN ISO 4892-2/105 B02</b> <b>TS EN 15187</b>	$\leq 0,6$ ( Xenon: 200 hr) $\Delta E^*$
<b>Scratch Resistance (Pencil Hardness)</b> <b>TS EN ISO 15184</b>	$\uparrow \text{ HB}$
<b>Adhesion Test (Cross Cut)</b> <b>ASTM D 3359-17</b>	5 B Value "0" (No separate)
<b>Dyne Pen Test</b> <b>ASTM D 2578</b>	36 mN/m

\* This technical information sheet represents our latest state of knowledge and shall inform without obligation

### STORE CONDITIONS:

- \* Store in a dry clean environment at room temperature with moderate humidity. The material can be suspended in unopened packaging. Store away from sources of heat and sunlight.
- \* Material should be acclimatised 72 hours prior to use at room temperature ( about 20 ° C)
- \* When the above conditions are met, it is recommended that primer applied products should be used within 24 months.