

## Technical Specifications for OpuLux Acryl Glass Panels

### Specifications for Panel - Core Material

Num	Attributes	Units	MDF	HDHMR	Birch Ply
1	Mean Thickness	mm	20.5	20.75	20.00
2	Thickness Variation	mm	±0.5	±0.5	±0.5
3	Bending/Warping	mm/meter	2.5	2.5	2.5
4	Mean Length	mm	2440	2440	2440
5	Length Variation	mm	±5.0	±5.0	±5.0
6	Mean Width	mm	1220	1220	1220
7	Width Variation	mm	±5.0	±5.0	±5.0
8	Density of core material	kg/m <sup>3</sup>	600 - 800	700 - 900	550 - 700
9	Density Variation of core material		±10%	±10%	±10%
10	Emission		E2	E2	E1
11	Core Water Resistance/Proof		No	Yes	Yes

### Specifications for Panel - Surface Material

Num	Attributes	Units	Values
1	Gloss Level	DIN 67 530 (60 Degrees), GLE	>85%
2	Scratch Resistance	IHD-W-466, Method A	1.1 N
3	Abrasion Resistance	Load: 1kg, Strokes: 20, Steel Wool Type: 00	Class 1, No changes or visible scratches
4	Color Fastness	EN ISO 4892-2	DE <1.7
5	Surface Protection		A protective PE film
6	Dents/Pimples		Small dents/dimples – 2 per square meter of the finished board on front or back
7	Surface Clarity	High Gloss Surface at 90 degrees, 700 mm from eye and for 20 seconds	Some waves are permissible on birch and other ply based core
8	Peeling		Maximum of 10 mm deep along the edges is permissible

#### Note:

- 1 The values for respective attributes are listed based on the data received from the suppliers for the respective material
- 2 Specifications and materials of the products are subject to change without notice
- 3 Our liability is limited to our product only