

GLASSENZA

MDF | HDF HMR | BIRCH

Luster Glass Technical Specifications

Mechanical Properties		Test Method	Unit	Range of thickness (mm)
				TopX LG - 2mm
Density	23°C	ISO 1183-1	g/cm ³	≥ 1.16 ≤ 1.2
Scratch resistance	Method A	IHD W-466		Class 1. loss of gloss <20%
Top surface gloss	60° gloss master	DIN 67530	GLE	> 85
Color fastness, resistance to weathering	Total color	ISO 4892-2		DE* <1,7
Delta E (furniture panel indoor application)	difference after 200h Xenon test			
Resistance to steel wool	Load: 1kg,	Seno Company	Visual	Class 1.no change or scratches visible
	strokes: 20,	Test Method		
	Steel wool type:00,	QPA-25-LT		
Resistance to dry heat	rating group 7 D	DIN 68861/T7	°C	75
Resistance to wet heat	rating group 8 B	DIN 68861/T8	°C	70
Behaviour to water vapour	module 2	AMK		No change visible
Chemical resistance	rating group 1 B	DIN 68861/T1		No change visible
				Anti-Bacterial Surface Properties - ISO 22196/JIS Z 2801
				On Site Cut and Drill possible
				Excellent Impact Strength / Scratch Resistance
				Increased UV resistance
				Enormous Chemical resistance

Silk Matte Technical Specifications

Mechanical Properties		Test Method	Unit	Range of thickness (mm)
				TopX SM - 2mm
Scratch resistance	rating group 4 B	DIN 68861/T4	N	> 2
Top surface gloss	60° gloss master	DIN 67530	GLE	< 8

Bonding

Test	Standard	Average Values attained
Surface Finish	Visual	without any defects
Peel/Bonding test		pass as per standard criteria
Glue		Polyurethan (PUR)



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