

FRONT PANEL TECHNICAL DATA SHEET

FRONT PANEL			HG	MATT	LUX	LUX MAT	ULTRA
Density	EN 323	kg/m ³	≥700	≥700	≥720	≥720	≥720
Tolerances on thickness	EN 14323	mm	± 0,20	± 0,20	± 0,20	± 0,20	± 0,20
Edge straightness tolerance	EN 14323	mm	over 15mm thickness ≤ 2(only balanced surfaces)				
Width	EN 14323	mm	± 5,0	± 5,0	± 5,0	± 5,0	± 5,0
Length	EN 14323	mm	± 5,0	± 5,0	± 5,0	± 5,0	± 5,0
Primer foil type	YILDIZ ENTEGRE	class	Melamine paper	Melamine paper	PVC	PVC	PVC
Brightness (60°)	EN 13722	gloss	≥ 85	≤ 5	≥ 85	≤ 5	≥ 85
Scratching	EN 15186	N	≥ 0,5	≥ 1,0	≥ 0,7	≥ 1,5	≥ 0,7
aging (radiation in 400 hours)	EN 15187	Grey Scale Blue Scale	4 - 5 6	4 - 5 6	4 - 5 6	4 - 5 6	4 - 5 6
Colour Difference	EN 13721	ΔE (L, a, b)	< 0,5	< 0,5	< 0,5	< 0,5	< 0,5
Surface defects	EN 14323	m ²	4 pieces per m ² between 0 and 2,5mm 3 pieces per m ² between 2,6 and 6mm 2 pieces per m ² between 6 and 10mm 1 piece per m ² between 10 and 15mm				
Assessment of the surface resistance to microscratching	CEN/TS 16611	% exchange	< 10	< 10	< 10	< 10	< 10
Resistance to chemicals	EN 12720+A1	class	5	5	5	5	5
Assessment of surface resistance to dry heat (70C°)	EN 12722	class	5	5	5	5	5
Assessment of surface resistance to wet heat(70C°)	EN 12721	class	5	5	5	5	5
Formaldehyde emission E1	EN 717-1 EN ISO 12460-3	mg/m ³ mg/m ³ h	≤ 0,124 ≤ 3,5	≤ 0,124 ≤ 3,5	≤ 0,124 ≤ 3,5	≤ 0,124 ≤ 3,5	≤ 0,124 ≤ 3,5
Formaldehyde emission E0	EN 717-1 EN ISO 12460-3	mg/m ³ mg/m ³ h	≤ 0,062 ≤ 1,75	≤ 0,062 ≤ 1,75	≤ 0,062 ≤ 1,75	≤ 0,062 ≤ 1,75	≤ 0,062 ≤ 1,75
Formaldehyde emission CARB/EPA	ASTM D 6007	ppm	≤ 0,11	≤ 0,11	≤ 0,11	≤ 0,11	≤ 0,11

