

Data Sheet Aranya Boards

European standard

Technical specification board		
Size core board (l x w x th)	EN 14354	2750 x 1220 x 18 mm 2750 x 1220 x 8 mm
Thickness veneer	EN 14354	0,60 mm
Thickness sanded	EN 14354	0,10 mm per face
Size finished board	EN 14354	2750 x 1220 x 19 mm 2750 x 1220 x 9 mm
Thickness UV-Lacquer	ISO 2808	± 55 µm
Thickness tolerance	EN 14354	± 0.3 mm
Squareness tolerance	EN 324-2	≤ 2mm/m
Tolerance on Length and Width	EN 324-2	5%
Thickness swelling/24h	EN317	< 8%
Density core board	EN323	730 kg/m ³ ± 7%
Moisture content	EN 322	5% - 10%
Internal Bond	EN 319	0,6 N/mm ²
Modulus of Elasticity	EN 310	3000 N/mm ²

Technical data UV lacquer		
Gloss	EN 2813	5% ± 3%
Hardness	DIN 53154	1,5 N
Elasticity	CEN/TC112	2 Hb
Resistance to impact	EN 1534	≥ 15 N/mm ²
Adhesion	EN ISO 2409	Class ≤ 2
Resistance against dry heat	NF D 60050	Class 5
Resistance to scratches	EN 438 - 2	F ≥ 3,5N
Chemical stability	EN 423	Class 4
Resistance against warm liquids	EN 12720	Class 5
Resistance against cold liquids:		
- Saliva and sweat	EN 12720	Class 5
- Cleaning agents		Class 5
- Aceton, ...		Class 2

Other Characteristics		
Formaldehyde Class	EN 717	E1
Formaldehyde Emission	EN 717-2	< 0.12 mg/HCHO h.m ²
PCP-Content	CEN/TR 14823	0%
VOC-Emission	EN 664	< 2,1%
Sustainable forest management		PEFC-certified