

**TECHNICAL DATA SHEET MELAMINE FINISHING** <sup>(1)</sup> [Version : 01/12/2021]

Product type :	Melamine faced board (Decorative Range : Unilin Evola - Unilin Evola Basic - Unilin Evola Supermat; Customized Design Range)
Reference standard :	EN 14322 - Wood Based Panel - Melamine faced boards for interior uses - Definition, requirements and classification <sup>(2)</sup>
Produced at:	Breestraat 4,B-8710 Wielsbeke
	Ingelmunstersteenweg 299,B-8780 Oostrozebeke Ambachtenstraat 68, B-8870 Izegem

Essential Characteristic	Unit	Standard	Test Method	Thickness range (mm)
				6mm - 38mm
Thickness variation relative to nominal value	mm	EN 14322 - T1	EN 14323 - 5.1	± 0,3
Thickness variation within the board	mm	EN 14322 - T1	EN 14323 - 5.1	t <sub>max</sub> -t <sub>min</sub> ≤ 0,6
Length variation	mm	EN 14322 - T1	EN 14323 - 5.1	± 5
Width variation	mm	EN 14322 - T1	EN 14323 - 5.1	± 5
Flatness	mm/Lm	EN 14322 - T1	EN 14323 - 5.2	≤ 2
Edge Damage : 4 Sides	mm	EN 14322 - T1	EN 14323 - 5.3	< 10
Surface Defects (points)	mm / m <sup>2</sup>	EN 14322 - T1	EN 14323 - 5.4	≤ 2
Surface Defects (lines)	mm / m <sup>2</sup>	EN 14322 - T1	EN 14323 - 5.4	≤ 20
Resistance to scratching	N	EN 14322 - T1	EN 14323 - 5.5	≥ 1,5
Resistance to staining	Rating	EN 14322 - T1	EN 14323 - 5.6	≥ 3
Resistance to cracking	Rating	EN 14322 - T1	EN 14323 - 5.7	≥ 3

(1) Please always validate samples via a test order when creating furniture. In any case, UNILIN cannot guarantee a perfect colour and/or surface match between HPL, Melamine faced board or Edging tape and will not be able to accept any claim on it.

(2) Melamine faced boards with Supermat (MST) structure are only applicable in vertical use.

Informative Characteristic	Unit	Standard	Test Method	Thickness Range (mm)
				6mm - 38mm
Emission classification France	Class	Decree of 19.04.2011	ISO 16000-9	A+
Formaldehyde emission regulation Germany	ppm	ChemVerbotV 2020	EN 16516 / EN 717-1	≤ 0.1 (ISO 16516) / ≤ 0.5 (EN 717-1)
Food safety	-	(EU) No 10/2011	EN 13130-1/ EN 1186	Conform
Antibacterial activity <sup>(3)</sup>	Reduction %	ISO 20743	ISO 22196	> 99.9%

(3) Not applicable for Unilin Evola Basic and Unilin Evola Supermat products