

## Porcelain Writing Surface in Ultra High Gloss

The all new Hygienic surface takes a porcelain writing surface to the next level by incorporating an additive of silver micro particles designed to keep the surface clean. Hygienic Porcelain is magnetic and available in additional products upon request.

Property	Ref. in Doc. n° 41.822	Specification	Whiteboard e <sup>3</sup> U Hygienic
Antibacterial activity	-	EN-ISO 22196:2011	Log 2 (99%) reduction
Antiviral activity	-	ISO 21702:2019	Log 3 (99.9%) reduction
Total thickness enamel top coatings	1	ISO 2178 / ASTM B499	85 - 120 µm / 3.35 - 4.72 mills
Steel thickness	2		0.33 - 0.48 mm
Thickness back-side enamel coating	3	ISO 2178 / ASTM B499	Type B: 35 - 50 µm / 1.38 - 1.97 mills
Total thickness	4		0.46 - 0.66 mm
Available standard widths	5		999 mm - 1219 mm
Available standard colors	6		6100 White
Weight (typical)	7		2.9 - 4.1 kg/m <sup>2</sup>
Color deviation from standard	8	ISO 7724 / ASTM D2244-02	ΔE <sup>94</sup> = 1.5 max.
Gloss	9	ISO 2813 / ASTM D523 60° ISO 2813 / ASTM D523 20°	(Indicative: 92 GU) 70 (+10/-5) GU
Mohs surface hardness	11	EN 15771	Min. 5
Scratch resistance	12	ISO 15695	Min. 7 N
Pencil hardness	13	ASTM D-3363	> 9H
Wear resistance	14	ASTM C 501 (Abrasive S 33/1 kg/1000 revs.)	Max. 0.1 g
Impact resistance	15	ISO 4532 (20N - 24h)	< 2 mm
Cold acid resistance	16	EN 14483-1-9 / ISO 28706-1-9	Min. A
Solvent resistance	17	PVNV 41.822	No change
Fire resistance	18	EN 13501-1 +A1	Incombustible - Class A1
Color stability	19	ASTM C 538	ΔE <sup>94</sup> ≤ 5
Dry-erasability of drymarkers	24	PVNV 41.803	Excellent (ΔE <sup>94</sup> ≤ 1.5)
Erasability of water-based markers with water	25	PVNV 41.822	Excellent (ΔE <sup>94</sup> ≤ 1.5)
Erasability of permanent markers with alcohol	26	PVNV 41.822	Excellent (ΔE <sup>94</sup> ≤ 1.5)
Durability	27	PVNV 41.809	RG < 30%
Erasability of an aged surface	28	PVNV 41.809	Excellent (ΔE <sup>94</sup> ≤ 1.5)
EN ISO 28762	29	EN ISO 28762	Fulfilled
European Enamel Authority	30	EEA Quality Requirements	EEA 7.17: Fulfilled
MBDC Cradle to Cradle Certified	31	Cradle to Cradle Bronze	Certified
PEI 1002 compliant	32	PEI 1002	Fulfilled
ISO 9001, ISO 14001 compliant	33	ISO 9001	Certified