

CeramicSteel Flow™ Frameless

CeramicSteel Flow is large format writing board system that allows you to leverage vertical space. A series of vertically oriented, full-height writing panels, finished with a frameless edge that is sealed with a durable lacquer to match the surface.

Dimensions	Thickness	Weight
1185 mm x 1830 mm / 47 in x 72 in	13 mm / 0.51 in	28 kg / 61.7 lbs
1185 mm x 2420 mm / 47 in x 95 in	13 mm / 0.51 in	37 kg / 81.5 lbs
1185 mm x 2850 mm / 47 in x 112.2 in	13 mm / 0.51 in	47,4 kg / 104.5 lbs
1185 mm x 3000 mm / 47 in x 118.1 in	13 mm / 0.51 in	49,9 kg / 110 lbs

Color		Finish	Approximate RAL Color	Approximate Pantone® Color
White 6100 U		Gloss	9003	Cool Gray 1C
White 6100 L		Low Gloss	9003	Cool Gray 1C
Gray 6502 C		Chalk	7047	Black 7C
Surface Imaging		Gloss	–	–

Element	Material
Face	CeramicSteel writing surface
Core	Water-resistant MDF 12 mm
Back	Aluminum

Panel Property	Testing Standard	Unit	Value
Panel Thickness	EN 438-2:5	mm	13.1 ± 0.5
Length Tolerance	EN 438-2:6	mm	± 1
Width Tolerance	EN 438-2:6	mm	± 1
Squareness	Difference in diagonals of panels	mm	± 1.5
Fire Resistance	ASTM E84-16	–	Class A, 15/15
General Safety Requirements	EN 14434 §6	–	Smooth and round edges, no risk of injury
General Safety Requirements	EN 14434 §6	–	No risk of pinching/ squeezing
General Safety Requirements	EN 14434 §6	–	No small detachable parts
Vertical Downwards Static Load	EN 14434 §9.1.3	–	No failure, loss of use or fracture at 250 N
Vertical Upwards Static Load	EN 14434 §9.1.4	–	No failure, loss of use or fracture at 200 N
Surface Deflection	EN 14434 §9.5	–	Deformation under 50 N load < 5 mm
Sharp edges enameled steel topside	UL1439	–	Smooth and round edges, to not cause a cut - type injury
Sharp edges enameled steel bottomside	UL1439	–	Smooth and round edges, to not cause a cut - type injury
Enamel Edge Chip Off	–	mm	Max. 0.5
Flatness	–	–	0,15%
Weight (typical)	–	kg/m ²	13

Surface Property	Testing Standard	Unit	Value
Gloss – Marker Surface	ISO 2813 / ASTM D523 20°	GU	65-80
Gloss – Chalk Surface	ISO 2813 / ASTM D523 60°	GU	3.5–9.5
Color Tolerance	ISO 7724 / ASTM D2244-02	E ⁹⁴	≤ 1.5 (compared to reference sample)
Orange Peel	ISO 2813 / ASTM D523	mm	Short Wave ≤ 55 Long Wave ≤ 25 Distinctness of Image ≥ 60
Mohs Hardness Whiteboards	EN 15771	–	Min. 5
Mohs Hardness Chalkboards	EN 15771	–	Min. 3
Scratch Resistance	ISO 15695	N	Min. 7
Pencil Hardness	ASTM D-3363	–	> 9H
Wear Resistance	ASTM C501	g	Max. 0.1 (abrasive S33 1 kg/1000 rev)
Impact	ISO 4532	–	No damage over 2 mm after 24h (20N load)
Coating Adhesion	EN 10209 Annex D	–	Min. Class 3
Total Thickness Enamel Top Coatings	ISO2178/ASTM B499	µm	85–120
Steel Thickness	–	mm	0.35 ± 0.03
Thickness Backside Enamel Coating	ISO2178/ASTM B499	µm	25–50
Acid Resistance	ISO 28706-1-9	–	Min. A
Chemical Resistance	ISO 28706-1-11	–	Min. A
Dry Erasability	PV 41.803	E ⁹⁴	≤ 1.5
Writability and Erasability	EN ISO 28762 §8.2	E ⁹⁴	≤ 0.5
Graffiti Resistance	EN ISO 28762 §9	–	No color or gloss change after cleaning

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05-21-2025 ENG-EMEA