

Boundri™

Boundri divider screens are light-weight, double-sided CeramicSteel.
Screen dimensions vary by height and width. Adjustable mounts included.

Panel Specs

Dimensions	Size	Weight*	Thickness
18 in (h) x 24 in (w)	432 in ²	6.6 lbs	0.173 in
18 in (h) x 36 in (w)	648 in ²	9.9 lbs	0.173 in
18 in (h) x 48 in (w)	864 in ²	13.2 lbs	0.173 in
18 in (h) x 60 in (w)	1080 in ²	16.5 lbs	0.173 in
18 in (h) x 72 in (w)	1296 in ²	19.8 lbs	0.173 in
24 in (h) x 24 in (w)	576 in ²	8.8 lbs	0.173 in
24 in (h) x 36 in (w)	864 in ²	13.2 lbs	0.173 in
24 in (h) x 48 in (w)	1152 in ²	17.6 lbs	0.173 in
24 in (h) x 60 in (w)	1440 in ²	22 lbs	0.173 in
24 in (h) x 72 in (w)	1728 in ²	26.4 lbs	0.173 in

*Weight lbs/ft² = 2.15

CeramicSteel Surface Colors

Color	Finish	Finish Code	Approximate RAL Color	Approximate Pantone® Color
Arctic White 2 CS 	Gloss	6111 U / 7671	9003	11-4800 TPG Blanc de Blanc
Hygienic White Gloss 	Gloss	6111 U AM / PV09	9003	11-4800 TPG Blanc de Blanc
Platinum Solid CS 	Gloss	6113 U / 7674	7042	18-0503 TPG Gargoyle
Merle CS 	Gloss	6115 U / 7673	7043	117-4402 TPG Neutral Gray

CeramicSteel

Surface Property	Testing Standard	Unit	Value
Total Thickness Enamel Top Coatings	ISO2178/ASTM B499	µm	85–120
Steel Thickness	-	mm	0.35 ± 0.03
Thickness Backside Enamel Coating Hygienic Surface Enamel Coating	ISO2178/ASTM B499	µm	Type A: 25–50 Type B: 35–50
Color Deviation From Standard	ISO7724/ASTM D2244-02	E ⁹⁴	1.5 max
Gloss	ISO2813/ASTM D523 20°	GU	70(+10/-5)
Mohs Hardness	EN 15771	-	Min. 5
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 Resistance	ISO 4532	-	No damage over 2 mm after 24h (20N load)
Acid Resistance	ISO 28706-1-9	-	Min. A
Chemical Resistance	ISO 28706-1-11	-	Min. A (deionized water, ethanol, methylethylketone, xylene and toluene)
Dry Erasability	PV 41.803	E ⁹⁴	≤ 1.5
Writability and Erasability	EN ISO 28762 98.2	E ⁹⁴	≤ 0.5
Graffiti Resistance	EN ISO 28762 99	-	No color or gloss change after cleaning
Coating Adhesion	EN 10209 Annex D	-	Min. Class 3

Hygienic CeramicSteel

Property	Testing Standard	Microorganism Tested	Test result after 24 h (% of elimination)
Antibacterial activity	ISO 22196:2011	Escherichia coli (gram -) (E-Coli) Staphylococcus aureus (gram +) (Staph)	99,99% (log 4,28) 99,5 (log 2,8)
Antibacterial activity	ISO 22196: 2007	Escherichia coli (gram -) (E-Coli) Staphylococcus aureus (gram +) (Staph)	99,9999% (log 6) 99,99% (log 4)
Antiviral activity	ISO 21702:2019	SARS CoV-2 (COVID-19) Influenza A H3N2 Coronavirus 229E Feline Calicivirus (similar to norovirus)	99,9% (log 3) > 90% (log 1) > 85% > 75%



Panel Property	Testing Standard	Unit	Value
Corners	-	mm	Rounded, diameter 4 mm
Sharp Edges Enameled Steel Topside	UL 1439	-	Smooth and round edges, to not cause a cut-type injury
Sharp Edges Aluminum Bottom Side	UL 1439	-	Smooth and round edges, to not cause a cut-type injury
Enamel Edge Chip Off	-	mm	Max. 0.5
Panel Thickness	EN 438-2:5	mm	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
Flatness/Maximum Bow	-	-	0.15%
Weight (Typical)	-	kg/m ²	11,1
Fire Resistance	ASTM E84	-	Class A

Element	Materials
CeramicSteel Face Protection Hygienic Surface Face Protection	Protective Film Novacel 4805 Protective Film Novacel 4768EAJ HYGIENIC
Face	CeramicSteel Writing Surface
Core	An aluminum composite plate consisting of a black thermoplastic PE core between two black "pre-coated" aluminum plates (0.3 mm) with a total thickness of 4 mm
Back	CeramicSteel Writing Surface
Back Protection	Protective Film Novacel 4805
Adhesive	Neoprene Glue
Edge Treatment	Painted Edges

SURFACEMATTERS™

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01-30-2024 ENG