

## Boundri™


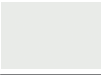


Boundri divider screens are light-weight, double-sided CeramicSteel.  
Screen dimensions vary by height and width. Adjustable mounts included.

### Panel Specs

Dimensions	Size	Weight*	Thickness
385 mm (h) x 585 mm (w)	0,23 m <sup>2</sup>	2, 5 kg	5 mm
385 mm (h) x 785 mm (w)	0,30 m <sup>2</sup>	3,4 kg	5 mm
385 mm (h) x 1185 mm (w)	0,46 m <sup>2</sup>	5,1 kg	5 mm
385 mm (h) x 1524 mm (w)	0,60 m <sup>2</sup>	6,5 kg	5 mm
385 mm (h) x 1830 mm (w)	0,70 m <sup>2</sup>	7,8 kg	5 mm
585 mm (h) x 585 mm (w)	0,34 m <sup>2</sup>	3,8 kg	5 mm
585 mm (h) x 785 mm (w)	0,46 m <sup>2</sup>	5,1 kg	5 mm
585 mm (h) x 1185 mm (w)	0,70 m <sup>2</sup>	7,8 kg	5 mm
585 mm (h) x 1524 mm (w)	0,90 m <sup>2</sup>	10 kg	5 mm
585 mm (h) x 1830 mm (w)	1,10 m <sup>2</sup>	11,9 kg	5 mm

\*Weight kg/m<sup>2</sup> = 11,1

### a<sup>3</sup> CeramicSteel Surface Colors

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

## a<sup>3</sup> 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 <sup>94</sup>	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 <sup>94</sup>	≤ 1.5
Writability and Erasability	EN ISO 28762 §8.2	E <sup>94</sup>	≤ 0.5
Graffiti Resistance	EN ISO 28762 §9	-	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 <sup>2</sup>	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	a <sup>3</sup> 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	a <sup>3</sup> CeramicSteel Writing Surface
Back Protection	Protective Film Novacel 4805
Adhesive	Neoprene Glue
Edge Treatment	Painted Edges

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