

Boundri™

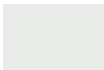
Boundri divider screens are light-weight, double-sided CeramicSteel.
Screen dimensions vary by height and width. Adjustable mounts included.

Panel Specs

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

*Weight kg/m² = 11,1

a³ 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

a³ 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 §8.2	E ⁹⁴	≤ 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/m²	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	a³ 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	a³ CeramicSteel Writing Surface
Back Protection	Protective Film Novacel 4805
Adhesive	Neoprene Glue
Edge Treatment	Painted Edges

©2020 PolyVision Corporation. All rights reserved. Trademarks used herein are the trademarks of PolyVision Corporation or their respective owner. PolyVision Corporation reserves the right to make changes in product design, construction or detail, and to discontinue any product or material without notice.

*Pantone is a trademark of Pantone LLC. Use of the Pantone trademark does not imply an endorsement, sponsorship, or affiliation.

polyvision.com



28-01-2021 ENG