

Motif™

Motif is a high-performance collaborative panel system that can be configured both horizontally and vertically. Featuring a CeramicSteel surface and thermoplastic PE core, this modular system is lightweight and easy to install with concealed mounting hardware.

Description	Dimensions	Thickness	Weight	Depth From Wall to Face
Small Square	572 mm x 572 mm / 22.5 in x 22.5 in	4.5 mm / .18 in	2.62 kg / 5.7 lbs	32.68 mm / 1.31 in
Large Square	1150 mm x 1150 mm / 45.25 in x 45.25 in	4.5 mm / .18 in	10.58 kg / 23.32 lbs	32.68 mm / 1.31 in
Extra Large Rectangle	1150 mm x 2306 mm / 45.25 in x 90.75 in	4.5 mm / .18 in	21.22 kg / 46.78 lbs	32.68 mm / 1.31 in

Element	Materials
Face Protection	Protective Film Novacel 4805 (maximum distance that the protective film can be cut away from the panel edges = 50 mm)
Face	CeramicSteel Writing/Accent 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	-
Back Protection	Arconic Transparent Protective Film
Adhesive	Neoprene Glue
Edge Treatment	-

CeramicSteel Writing Surface

Color	Finish	Finish Code	Approximate RAL Color	Approximate Pantone® Color
Arctic White 2 CS	Gloss	7671	9003	11-4800 TPG Blanc de Blanc
Seagull CS	Gloss	7672	7035	12-4302 TPG Vaporous Gray
Merle CS	Gloss	7673	7043	17-4402 TPG Neutral Gray
Platinum Solid CS	Gloss	7674	7042	18-0503 TPG Gargoyle
Sterling Dark Solid CS	Gloss	7675	7012	18-0201 TPG Castlerock

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	ISO2178/ASTM B499	µm	Type A: 25–50
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



CeramicSteel Accent Surface

Color (Digitally printed surface on Arctic White 2 CS)	Finish	Finish Code
Saffron Pattern CS 	Gloss	7665
Platinum Pattern CS 	Gloss	7666
Wasabi Pattern CS 	Gloss	7667
Lagoon Pattern CS 	Gloss	7668
Honey Pattern CS 	Gloss	7669

Surface Property	Testing Standard	Unit	Value
Total Thickness Enamel Top Coatings	ISO2178/ASTM B499	µm	85-125
Steel Thickness	-	mm	0.35 ± 0.03
Thickness Backside Enamel Coating	ISO2178/ASTM B499	µm	Type B: 35-50
Color and Gloss Deviation From Standard	-	-	Comparable to standard
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



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	4.5
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	8.0
Fire Resistance	ASTM E84	-	Class A
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

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