

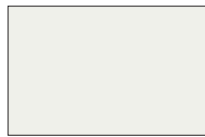
# Writing Surfaces

Product Details



Polyvision pioneered the ceramic-on-steel method more than 50 years ago, releasing several generations of our industry-leading surfaces. Our effort to optimize surfaces based on ever-changing industry and market requirements remains Polyvision's ongoing commitment to you. Today, Polyvision leads the market in quality and sustainability with our latest generation and the only Cradle to Cradle Certified® surface of its kind, e<sup>3</sup>™ CeramicSteel. Schools all around the world choose e<sup>3</sup> CeramicSteel for a sustainable, ultra-smooth and lifetime-warranted solution that stands up to everything from scratches and stains to bacteria and fire.

### e<sup>3</sup> Markerboard Surfaces



#### White

Ultra gloss <sup>1</sup>	6100 U
Low gloss <sup>1</sup>	6100 L
High gloss <sup>2</sup>	6100 H
Satin gloss <sup>2</sup>	6100 S



#### Light Gray

Ultra gloss <sup>1</sup>	6101 U
Low gloss <sup>1</sup>	6101 L
High gloss <sup>2</sup>	6101 H
Satin gloss <sup>2</sup>	6101 S



#### Beige

Ultra gloss <sup>1</sup>	6102 U
Low gloss <sup>1</sup>	6102 L
High gloss <sup>2</sup>	6102 H
Satin gloss <sup>2</sup>	6102 S

### e<sup>3</sup> Chalkboard Surfaces



#### Green

Ultra matte	6500 C
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#### Black

Ultra matte	6501 C
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#### Gray

Ultra matte	6502 C
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<sup>1</sup> Europe, Middle East and Africa only

<sup>2</sup> Americas only

Asia Pacific: all colors available upon request

\*Actual colors may vary. Contact your sales representative for color samples.

### Environmental Features

- Enamel fused to cold-rolled enamelling-grade steel
- In all coatings, the total amount of heavy metals cadmium, mercury, hexavalent chromium and lead is less than 0.1%
- No Volatile Organic Compounds (VOCs)
- e<sup>3</sup> CeramicSteel surface is 99% recyclable
- Cradle to Cradle Certified® Bronze
- Indoor Advantage™ Gold

### e<sup>3</sup> CeramicSteel Advantage

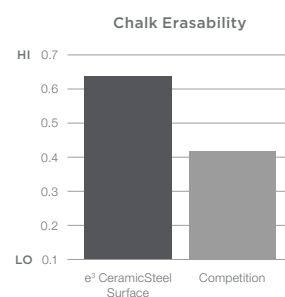
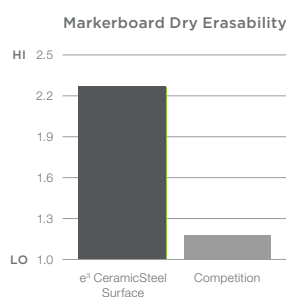
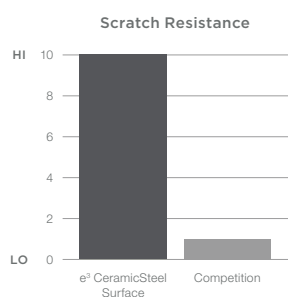
- Forever warranty
- Ultra-smooth writing and erasing
- Optimum eye comfort and visibility
- Scratch, stain and bacteria resistant
- Wear, vandal and fire resistant



e<sup>3</sup> CeramicSteel is produced by means of an ISO 9001 compliant, continuous coil-coating process, consisting of a steel core of light gauge covered on both sides with thin enamel coatings. The ceramic finish is fused to the steel at a temperature in the range of 700–900 °C (1292–1652 °F). The e<sup>3</sup> CeramicSteel is used mainly for magnet-retaining whiteboard or chalkboard applications.

Characteristic	e <sup>3</sup> CeramicSteel Markerboard	e <sup>3</sup> CeramicSteel Chalkboard
Writeability	Can be written on with any dry-erase, semi-permanent, water-soluble, permanent marker pen without damaging the surface.	Superior, low-gloss, matte finish readily accepts chalk providing a sharp, unbroken line with less pressure and maximum surface adherence.
Visibility	Sharp, clear and distinct marker lines provide maximum color contrast.	Its distinctive color in conjunction with the no-glare, matte finish provides maximum chalk to surface (light/dark) contrast for heightened visibility.
Erasability	Dry-erase marker ink can be wiped off easily with a dry cloth or standard eraser. Semi-permanent and permanent marker pen inks can be removed with a solvent-based cleaner.	Erases easily with a dry cloth or standard chalk eraser; retains minimal residual chalk dust and will not leave “ghost writing.” Color change (dark/light) after chalk erasing is reduced significantly.
Cleanability (Washability)	All residues that remain after normal erasing can be removed by following the care and cleaning instructions.	WET Ghost measurements on chalkboard surfaces before and after wet cleaning shall not exceed a $\Delta E^*$ 94 of 2.0.
Wearability	Vitrified glass-hard ceramic surface fused to light-gauge enameling-grade steel in the range of 700–900 °C (1292–1652 °F). High resistance to impact damage, abrasion, scratching and color fading. The e <sup>3</sup> CeramicSteel surface registers a minimum of 5 on the Mohs hardness scale.	Vitrified glass-hard ceramic surface fused to light-gauge enameling-grade steel in the range of 700–900 °C (1292–1652 °F). High resistance to impact damage, abrasion, scratching and color fading. The e <sup>3</sup> CeramicSteel surface registers a minimum of 5 on the Mohs hardness scale.

Product and Characteristic	Writeability	Erasability	Cleanability
e <sup>3</sup> CeramicSteel Low Gloss Markerboard	Provides the same writing characteristics as Ultra Gloss.	Low Gloss surfaces will not erase as thoroughly as Ultra Gloss surfaces. When this occurs, a water-dampened cloth will be required to erase the surface.	After normal erasing of Low Gloss surfaces, solvents may be used to remove harder-to-erase dry marker inks and residue from other pens. Always clear water rinse after using any cleaning agent on the surface. <i>For further details, contact Polyvision.</i>



The ultra-smooth finish enables drymarkers and chalk to glide easily across the e<sup>3</sup> CeramicSteel surface with minimal friction. The surface smoothness allows more dry-erase ink and chalk to be removed, improving erasability and eliminating “ghost writing.”

\*All markerboard erasability tests were conducted using Ultra Gloss e<sup>3</sup> CeramicSteel surfaces.



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## SURFACEMATTERS™

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