

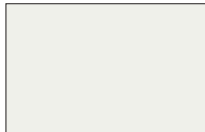
Writing Surfaces

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^{CM} surface of its kind, e³™ CeramicSteel. Schools all around the world choose e³ CeramicSteel for a sustainable, ultra-smooth and lifetime-warranted solution that stands up to everything from scratches and stains to bacteria and fire.

e³ Markerboard Surfaces



White
 Ultra gloss¹ 6100 U
 Low gloss¹ 6100 L
 High gloss² 6100 H
 Satin gloss² 6100 S



Light Gray
 Ultra gloss¹ 6101 U
 Low gloss¹ 6101 L
 High gloss² 6101 H
 Satin gloss² 6101 S



Beige
 Ultra gloss¹ 6102 U
 Low gloss¹ 6102 L
 High gloss² 6102 H
 Satin gloss² 6102 S

e³ Chalkboard Surfaces



Green
 Ultra matte 6500 C



Black
 Ultra matte 6501 C



Gray
 Ultra matte 6502 C



Blue
 Ultra matte¹ 6503 C

¹ Europe, Middle East and Africa only
² Americas only
 Asia Pacific: all colors available upon request

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

e³ CeramicSteel Advantage

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

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)
- e³ CeramicSteel surface is 99% recyclable
- Cradle to Cradle Certified^{CM} Bronze
- Indoor AdvantageTM Gold



Chemical Resistant



Scratch Resistant



Bacteria Resistant



Fire Resistant



Graffiti Resistant

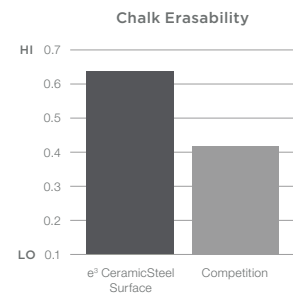
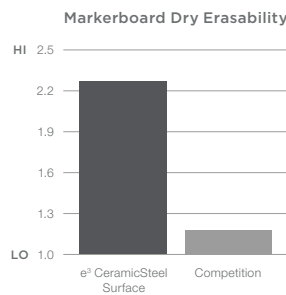
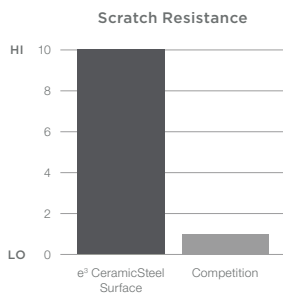


Stain Resistant

e³ 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 e³ CeramicSteel is used mainly for magnet-retaining whiteboard or chalkboard applications.

Characteristic	e ³ CeramicSteel Markerboard	e ³ 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 ΔE^*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 ³ 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 ³ CeramicSteel surface registers a minimum of 5 on the Mohs hardness scale.

Product and Characteristic	Writeability	Erasability	Cleanability
e ³ 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 e³ 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 e³ CeramicSteel surfaces.



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Surface Matters™

Environmental Policy: Polyvision strives for continuous improvement in all areas of environmental stewardship – responsible use of raw materials and natural resources, design processes and operation of all facilities – to protect, replenish and restore the communities in which we live and serve.

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