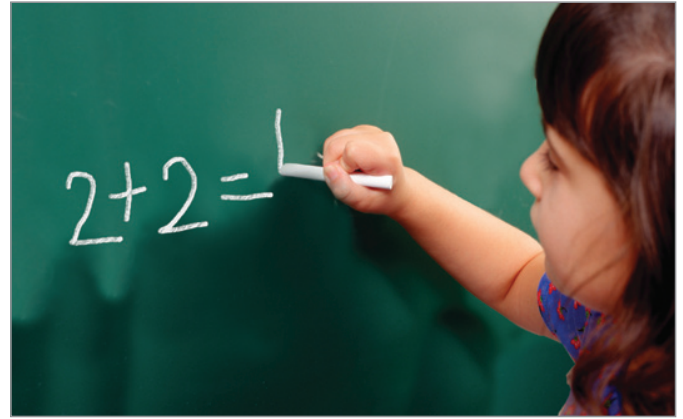




Chalkboard writing surface

e³ environmental ceramicsteel™ surface



Chalkboard surfaces

e³ environmental ceramicsteel™ represents a revolution in ceramicsteel technology and PolyVision's forth generation of ceramicsteel writing surfaces. For more than 50 years, millions of writing boards have been produced around the world for the education and office sectors using PolyVision ceramicsteel. PolyVision has introduced virtually ever every new breakkthrough in the ceramicsteel market, including the year 2007 introduction of the *e³ environmental ceramicsteel*, the most significant improvedment in writing and erasing in nearly 35 years. This innovative ceramic-on-steel writing surface is rapidly becoming the new industry standard.

The *e³ environmental ceramicsteel chalkboard* surface offers all the benefits of traditional ceramicsteel: scratch, chemical, bacteria, fire, graffiti and stain resistance, plus more (see chart at the right).

features

smoother writing

improved erasability

enhanced visibility

benefits

- less chalk consumption
- greater chalk adherence

- eliminates residual writing
- simplifies chalkboard maintenance
- less chalk dust generated

- optimum eye comfort
- increased colour contrast
- reduced surface light distortion



Forever Warranty™

The *e³ environmental* chalkboard surface is warranted under PolyVision's Forever Warranty to provide a lifetime of durability and superior performance, resulting in low maintenance costs and a high return on investment.

PolyVision®
a steelcase company



Chalkboard writing surface

e³ environmental ceramicsteel™ surface

Writing surface specifications

Description

PolyVision's *e³ environmental ceramic-steel* chalkboard surface is produced by means of an ISO 9001, ISO 14001 and OHSAS 18001 controlled, continuous coil-coating process, consisting of a steel core of 0.32 or 0.35 mm covered on both sides with thin enamel coatings fired at temperatures of approximately 700°C. Delivering exceptional quality and durability, combined with environmental responsibility, *e³ environmental ceramic-steel* surface is the first and only surface to achieve Cradle to Cradle™ Silver certification.

Only PolyVision's *e³ environmental ceramicsteel* surface has achieved the following key environmental milestones:

- 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%
- All coatings are free from arsenic and antimony
- No Volatile Organic Compounds (VOCs)
- *e³ environmental ceramicsteel* surface is 99% recyclable
- Cradle to Cradle Silver certification

Writeability

Superior, low gloss matte finish readily accepts chalk providing a sharp, unbroken line with less pressure and maximum surface adherence.

Visibility

It's distinctive colour in conjunction with the no-glance, matte finish provides maximum chalk to surface (light/) contrast for heightened visibility.

Surface distortion

The waviness for chalkboards will be less than 50 when tested with BYK-Gardner Wave Scan 5+ measurement device (interval Wd 3-10 mm).

Erasability

Erases easily with a dry cloth or standard chalk eraser retaining minimal residual chalk dust and no "ghost writing".

Cleanability

Easily washable with water without staining or surface damage. For further care and cleaning instructions visit: belgium.polyvision.com/belgium/e3.asp

Wearability

Vitrified glass-hard ceramic surface fused to light-gauge enameling grade steel at approximately 700°C. High resistance to impact damage, abrasion, scratching and color fading. The PolyVision surface registers a minimum of 5 on the Mohs hardness scale.

Magnetic

Les aimants et matériaux magnétiques accrochent parfaitement à la surface *e³ environmental ceramicsteel* sans l'endommager.

Flame resistant

The *e³* surface is 100% non-combustible.

Maintenance

By following the PolyVision care and cleaning instructions *e³ environmental ceramicsteel* surface requires only minimum maintenance. For further maintenance visit: belgium.polyvision.com/belgium/e3.asp



eVision™ PolyVision is committed to move toward sustainability in all areas of environmental stewardship—to protect people, replenish natural resources, and restore the communities in which we work and live.

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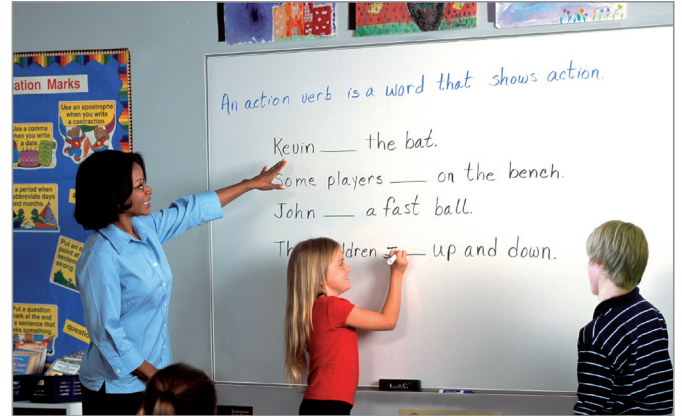
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PolyVision®
a steelcase company



Whiteboard writing surface

e³ environmental ceramicsteel™ surface



Chalkboard surfaces

e³ environmental ceramicsteel™ represents a revolution in ceramicsteel technology and PolyVision's forth generation of ceramicsteel writing surfaces. For more than 50 years, millions of writing boards have been produced around the world for the education and office sectors using PolyVision ceramicsteel. PolyVision has introduced virtually ever every new breakkthrough in the ceramicsteel market, including the year 2007 introduction of the *e³ environmental ceramicsteel*, the most significant improvedment in writing and erasing in nearly 35 years. This innovative ceramic-on-steel writing surface is rapidly becoming the new industry standard.

The *e³ environmental ceramicsteel chalkboard* surface offers all the benefits of traditional ceramicsteel: scratch, chemical, bacteria, fire, graffiti and stain resistance, plus more (see chart at the right).

features

benefits

smoother writing

- less marker drag
- greater marker adherence

improved erasability

- eliminates residual writing
- simplifies markerboard maintenance

enhanced visibility

- optimum eye comfort
- increased colour contrast
- reduced surface light distortion



Forever Warranty™

The *e³ environmental* chalkboard surface is warranted under PolyVision's Forever Warranty to provide a lifetime of durability and superior performance, resulting in low maintenance costs and a high return on investment.

PolyVision®
a steelcase company



Whiteboard writing surface

e³ environmental ceramicsteel™ surface

Writing surface specifications

Description

PolyVision's *e³ environmental ceramic-steel* whiteboard surface is produced by means of an ISO 9001, ISO 14001 and OHSAS 18001 controlled, continuous coil-coating process, consisting of a steel core of 0.32 or 0.35 mm covered on both sides with thin enamel coatings fired at temperatures of approximately 800°C. Delivering exceptional quality and durability, combined with environmental responsibility, *e³ environmental ceramic-steel* surface is the first and only surface to achieve Cradle to Cradle™ Silver certification.

Only PolyVision's *e³ environmental ceramicsteel* surface has achieved the following key environmental milestones:

- 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%
- All coatings are free from arsenic and antimony
- No Volatile Organic Compounds (VOCs)
- *e³ environmental ceramicsteel* surface is 99% recyclable
- Cradle to Cradle Silver certification

Writeability

Can be written on with any dry-erase, semi-permanent, water-soluble, permanent marker pen, pen without damaging the surface.

Visibility

Sharp, clear and distinct marker lines provide maximum colour contrast with the *e³ environmental ceramicsteel* surface and minimize glare and random light reflection.

Surface distortion

The waviness for chalkboards will be less than 50 when tested with BYK-Gardner Wave Scan 5+ measurement device (interval Wd 3-10 mm).

Erasability

Erases easily with a dry cloth or standard chalk eraser retaining minimal residual chalk dust and no "ghost writing".

Cleanability

Easily washable with water without staining or surface damage. For further care and cleaning instructions visit: belgium.polyvision.com/belgium/e3.asp

Wearability

Vitrified glass-hard ceramic surface fused to light-gauge enameling grade steel at approximately 700°C. High resistance to impact damage, abrasion, scratching and color fading. The PolyVision surface registers a minimum of 5 on the Mohs hardness scale.

Magnetic

The *e³ environmental ceramicsteel* surfaces are ideal for all magnets and magnetic impregnated materials without being scratched or damaged from the contact.

Flame resistant

The *e³ environmental ceramicsteel* surface is 100% non-combustible.

Maintenance

By following the PolyVision care and cleaning instructions *e³ environmental ceramicsteel* surface requires only minimum maintenance. For further maintenance visit: belgium.polyvision.com/belgium/e3.asp



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