

CERAMICSTEEL PANELS

Interior Panels



CeramicSteel integrated as a wall surface
creating a fluid collaboration space

Introduction

Attention to detail makes the big picture. This is why Polyvision created Interior Panels. These CeramicSteel products are a unique approach to today's market demand for sustainable, hygienic surfaces in public and corporate spaces. As spaces flex to accommodate varying volumes of people, design elements that provide form and function while protecting the hygienic conditions of the space are becoming the gold star of smart design.



Hygienic Surface

CeramicSteel is a nonporous surface that is naturally resistant to bacteria and viruses. Panels are also available in Polyvision's Hygienic CeramicSteel - a proprietary finish that incorporates an additive of silver micro particles formulated to create a self-sanitizing surface.

Sustainable

Made with CeramicSteel, interior panels are Cradle to Cradle Certified™ Bronze, highlighting the sustainable manufacturing process of the product. CeramicSteel is also 99.9% recyclable. CeramicSteel is also certified by SCS Global Services as Indoor Advantage Gold™, meeting strict indoor air quality (IAQ) chemical emission limits for volatile organic compounds (VOCs).

Customizable

CeramicSteel panels can be customized to suit limitless size, shape, and design requirements. Simply fit our panels into your space for a truly tailor-made solution

CeramicSteel Features and Benefits

- Smooth, inert surface
- Made from inorganic materials
- Magnetic
- Colorfast, will never fade
- Resistant to bacteria, graffiti, fire, scratches, stains, and chemicals
- Easy to clean
- Releases zero VOCs



Chemical Resistant



Scratch Resistant



Bacteria Resistant



Fire Resistant



Graffiti Resistant



Stain Resistant

*Only applicable to CeramicSteel Panels



Panel Construction

Prefabricated panels available in standard or custom shapes and sizes.

1. CeramicSteel with optional hygienic finish
2. Fiberboard or composite substrate
3. Steel backing

*Framing and installation systems are not provided with panels.

Material Attribute Comparison

Wall Surface Material	Magnetic	Non-Porous	Easily Disinfected	Scratch-Resistant	Can serve as Writing Surface
Wood	No	No	No	No	No
Gypsum	No	No	No	No	No
Aluminum	No	Yes	Yes	No	No
Stainless Steel	Yes	Yes	Yes	Yes	When modified with paint coating
Glass	Only when modified with steel sheet addition & utilizing rare earth magnets	Yes	Yes	No - can also easily shatter	Yes - but highly reflective
CeramicSteel	Yes	Yes	Yes	Yes	Yes
Acoustic	No	No	No	No	No



With state-of-the-art manufacturing and design, Polyvision's ability to create custom shapes, sizes and surface imagery is endless.

Applications

CeramicSteel panels can be utilized to enhance the performance and environment of the following spaces:

- Streamlined Collaborative Surfaces for Conference Rooms & Classrooms
- Systems integration for the contract furniture industry
- Sanitary Surfaces for Patient Rooms / Clean Rooms
- Sanitizing, Durable Surfaces for High Traffic Vertical Planes & Countertops in Quick Service Restaurants (QSR)
- Sanitizing, Durable Surfaces for High Traffic Vertical Planes & Countertops in Fuel Stations & Convenience Stores
- Sanitizing, Durable Surfaces for Grocery and Pharmacy
- Sanitizing, Durable Surfaces for Vertical Planes & Partitions in Public Restrooms
- Sanitizing, Durable Surfaces for Commercial Kitchens & Food Grade Warehousing
- Sanitizing, Durable Vertical Planes for Hospitality, Hotel, & Office Lobbies
- Sanitizing, Durable Surfaces on Elevator Vestibules
- Sanitizing, Durable Vertical Planes for high foot traffic areas such as airports, stadiums, and mass transport stations



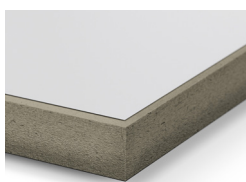
The ability to incorporate your brand elements in durable, lasting CeramicSteel can be achieved with Polyvision Studio.



Interior Panel Options

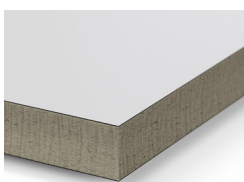
Finishing Options

End-use-application determines the finishing and thickness of the CeramicSteel panel. Polyvision offers a set of standard substrate choices and three finishing options. Interior panels are offered with CeramicSteel as single or double-sided.



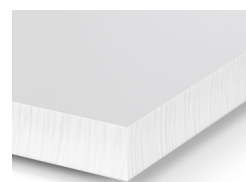
Basic

Not waterjet, sides not painted. Use always in combination with a frame.



Standard

Waterjet, sides not painted.



Finished

Waterjet, sides painted.

Master Panel Dimensions

Product	Basic	Standard/Finished
MDF		
CeramicSteel MDF 6 Single-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm
CeramicSteel MDF 12 Single-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm
CeramicSteel MDF 6 Double-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm
CeramicSteel MDF 12 Double-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm
Composite		
CeramicSteel Composite 3 Single-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm
CeramicSteel Composite 3 Double-sided	48" x 96" / 1219 mm x 2438 mm	47" x 95" / 1193 mm x 2413 mm

Color Options



Available Finishes

- High Gloss
- Satin Gloss
- Matte Chalkboard

Specialty Colors

Polyvision offers expanded design aesthetics through digital printing of images directly on the CeramicSteel surface. Minimum order quantities apply.

High gloss is an industry standard for whiteboard applications. This surface type provides the best writing and erasing experience.

Satin gloss is a low reflection surface that is ideal for projecting images and reducing glare.

Matte surface is a true chalkboard option. Ideal for classic writing and a modern twist in aesthetics.

Standard Shapes



Specialty Shapes



Polyvision Studio

Collaborate with our team of designers and color experts to develop one-of-a-kind panels for your installation. From unique shapes to custom colors and digitally printed images – your imagination is the limit.



Corporate Responsibility

Polyvision believes that sustainability is an important business practice in today's global economy. In line with this belief, we strive for continuous improvement in all areas of environmental stewardship – responsible use of raw materials and natural resources, manufacturing processes and operation of all facilities – to reduce the impact of our activities on the environment. In the end, we believe we are all in this together, working to protect and cultivate the world we live in to make more sustainable choices.

Manufacturing Excellence

Polyvision facilities are compliant with international standards related to Quality, Environment and Health and Safety management systems.

We want to continuously deliver high quality products and services with respect to the reduction and management of our global footprint in the areas of VOC emission, water usage, waste output, energy usage, CO2 emission and the assurance of a healthy and safe (work) environment for people.

- All facilities are ISO 9001 certified (Quality)
- Polyvision Genk and Polyvision Okmulgee are ISO 14001 certified (Environment)
- Polyvision Genk is ISO 45001 certified (H&S)

Ensuring A Sustainable Future

In addition to safe and sustainable manufacturing processes, Polyvision holds our products to the highest standards. We are third-party certified for our CeramicSteel surface by:

- Cradle to Cradle Certified – releases no harmful chemicals into the environment, safeguards clean water, materials are safe for humans and the environment
- Indoor Air Quality Certified to SCS.EC10.3-2014 v4.0
- ISO 14001 Environmental Management Certification



Warranty Protection

Interior panels utilize the CeramicSteel which offers one of the industry's most comprehensive warranty with lifetime surface warranty for interior applications. Panel performance is subject to the panel & substrate material warranty.

CeramicSteel Surface

Forever warranty Polyvision warrants that all porcelain-enameled surfaces and/or products made with CeramicSteel (Premium Writing Surfaces) or CeramicSteel (Collaborative Products) will retain its writing and erasing qualities and maintain its gloss variance and color consistency for the life of the building or for as long as the product is in use, whichever comes first.

Panel Construction

10 year limited warranty Polyvision warrants that our panels, under normal atmospheric conditions and when sealed from moisture, will not delaminate from the substrate or warp for a period of 10 years.

International Sales & Fulfillment

For more information and orders, please contact the regional team closest to you.

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