



**Polyvision<sup>®</sup>**  
**SURFACEMATTERS**



Polyvision®  
SURFACEMATTERS







**over**  
**70 YEARS**  
OF SURFACE  
THAT MATTERS





# A Global Leader In The Production Of Enameled Surfaces

CeramicSteel is durable, easy to maintain, and widely used in various applications, including architecture, interior design, mobility, schools, and offices.

For over 70 years, Polyvision has been dedicated to improving spaces with thoughtfully designed products.

Today, CeramicSteel surfaces engage individuals and teams in more than 8 million environments worldwide, covering 185 million square meters.





# A Fusion Of Durability & Hygiene

CeramicSteel by Polyvision redefines vitreous enamel, also known as porcelain enamel. This surface is created by fusing finely ground-colored glass onto a robust metal substrate. Its glass-like, non-porous finish provides a visually striking aesthetic while ensuring outstanding durability that surpasses conventional materials.

Our detailed production process involves a continuous coil-coating method, where a thin layer of cold-rolled carbon steel is coated with porcelain enamel. This fusion, achieved at high temperatures, forms a resilient and enduring bond.





# Versatile & Enduring

Worldwide, CeramicSteel is the preferred material for magnetic marker boards and chalkboards. It is known for its easy-to-clean, scratch-resistant surface that performs exceptionally well in educational and professional settings.

Beyond these traditional applications, CeramicSteel's versatility extends to architectural uses, where it is utilized in panels, cladding, and infrastructure projects, balancing both functionality and aesthetic appeal.









# Functional & Sustainable

CeramicSteel is one of the most durable and sophisticated surfaces in the marketplace. The glass-like surface is a highly functional platform for boundless communication and a design feature that pulls people in. With clear marker-to-whiteboard color contrast, CeramicSteel offers readability not found within other surfaces.

It's also magnetic, easy to clean, entirely scratch-resistant, and has an expected life cycle exceeding 50 years.

# Features



CeramicSteel is a durable, sustainable, and versatile material. It resists scratches, chemicals, fire, bacteria, and vandalism, ensuring longevity. Maintenance is easy, and it is 99% recyclable. It is offered in vibrant colors and crisp designs for stunning, long-lasting visual impact.





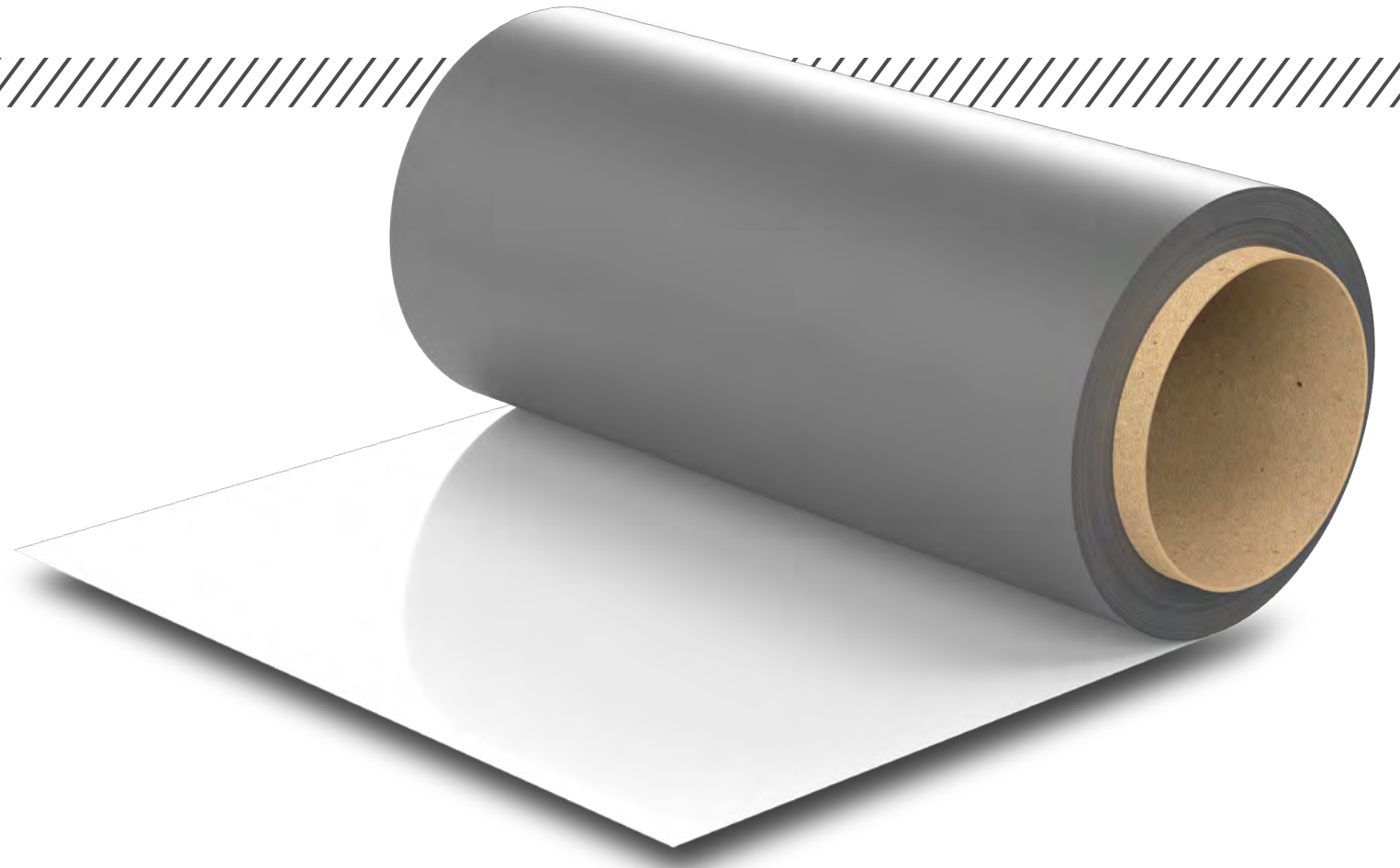




# Coils

## A Surface That Is Aesthetically Pleasing And Highly Functional.

With CeramicSteel coils, clients can bring their visions to life. These coils showcase true craftsmanship and innovation. They undergo a transformative process where a layer of enamel is skillfully applied, combining steel's strength with enamel's cleanliness. The result is a smooth, versatile and durable finish in various gloss levels, making writing and erasing easy. Designed for a wide range of applications, these coils offer endless possibilities.







# Sheets

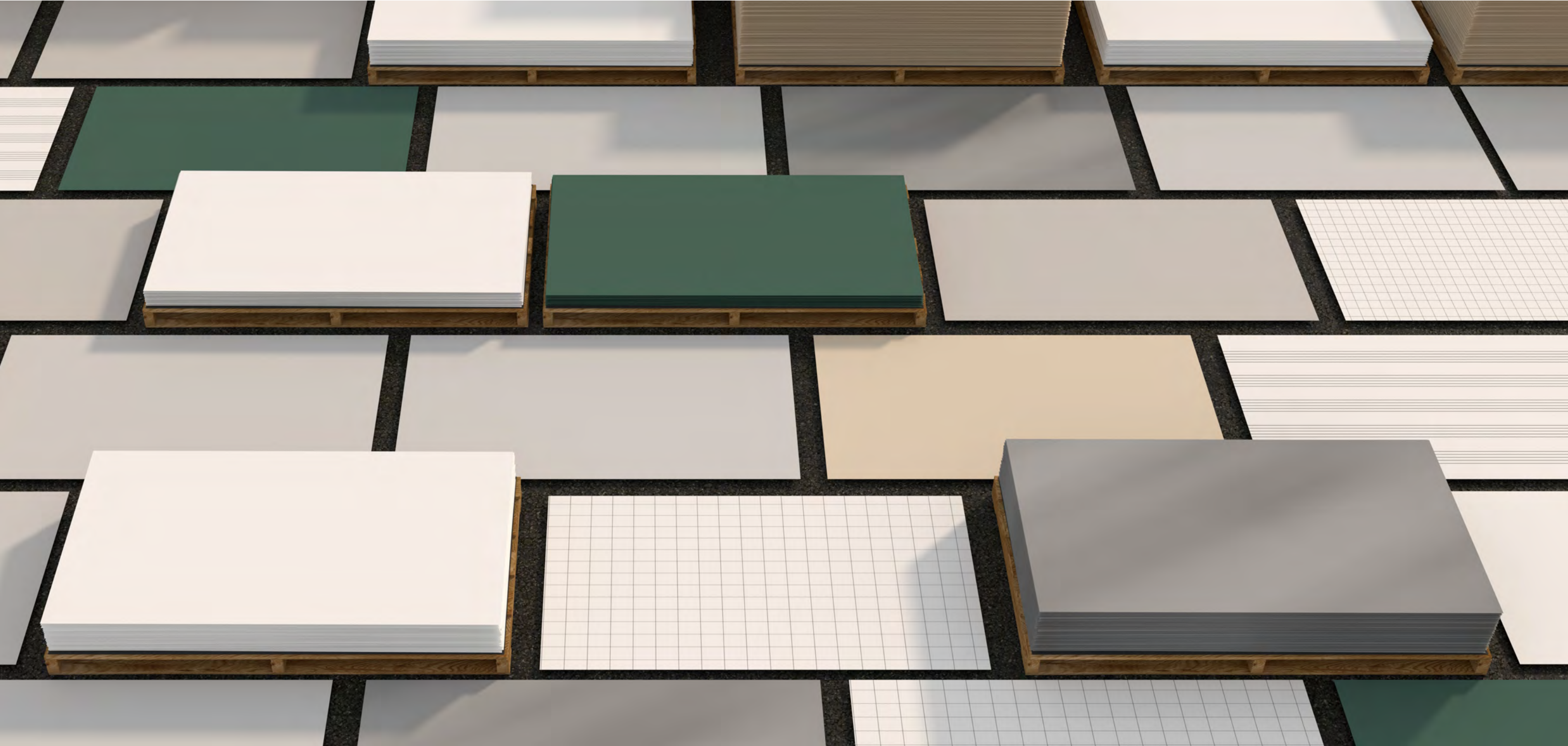


## From Enameled Steel Coils To High-Performance Sheets.

CeramicSteel sheets offer a blend of functionality, durability, and aesthetics. Made from enameled steel coils, they feature a smooth, non-porous surface that is ideal for writing and easy to maintain, making them suitable for hygienic environments. Available in various sizes and fully customizable, these sheets are perfect for educational, healthcare, and corporate settings, combining performance with timeless design.







# Panels



## Versatile Porcelain Enameled Steel Panels.

CeramicSteel panels offer durability and sleek aesthetics. Designed for walls, architectural facades, and interiors, they combine strength with versatility, allowing seamless integration into any project. Customizable and easy to install, these panels bring creative visions to life with long-lasting performance. Their smooth, non-porous surface ensures easy cleaning and exceptional resistance to wear, making them ideal for high-traffic and demanding environments.









# Surface Design



## Where Creativity Meets Technology

CeramicSteel is the ideal canvas for exhibiting custom graphic design to enhance all types of spaces. Our advanced digital printing technology easily reproduces logos, artwork or graphic patterns colorfully and accurately—the perfect solution for branding, storytelling or artistic expression. While traditional screen printing is still a reliable option for specific applications, digital printing combines flexibility with precision, accommodating many different types of patterns, textures, and colors. These durable surfaces are ideal for interior and exterior use, uniting aesthetics with resilience and transforming any space with true custom style.









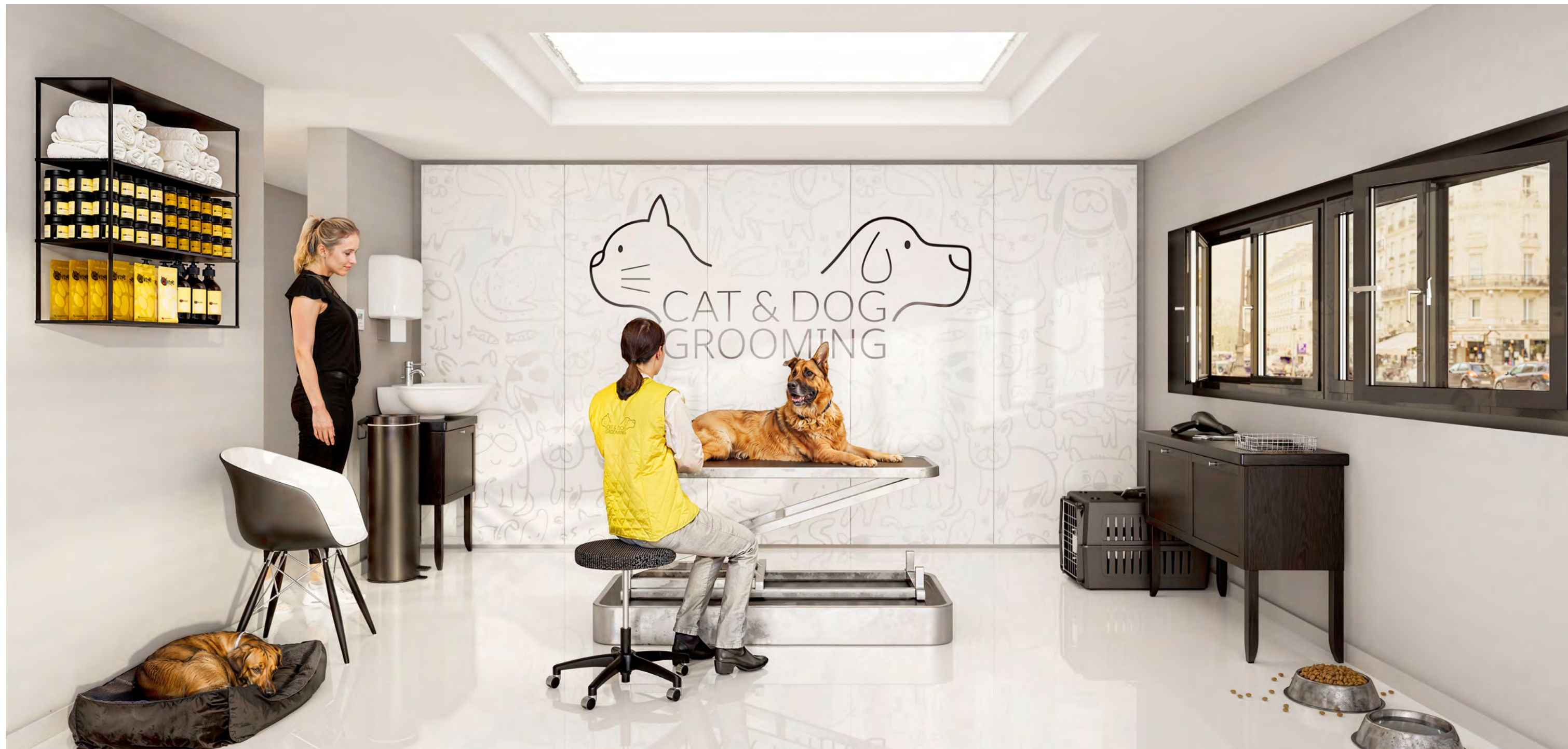












# Education



## Learning Environments With Polyvision CeramicSteel

Education thrives in environments that encourage learning and collaboration. Polyvision has been a trusted partner in classrooms for decades, providing surfaces that offer smooth, durable writing experiences. Our products are designed to withstand daily use while being easy to clean and maintain. With a commitment to quality and innovation, we equip educators and students with tools that promote creativity, productivity, and connection in every learning space.

























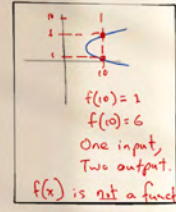
### Graphing

#### Basic Principles

- y-int: Where  $x=0$ ;  $f(0)=y\text{-int}$
- X-ints: Where  $y=0$ ;  $f(x)=0$

#### Key points

- Quadratics: Vertex  $\rightarrow x = -\frac{b}{2a}$   
 $y = f(\frac{-b}{2a})$



Ex:  $y=2x^2-5x+10$

• y-int:  $2(0)^2-5(0)+10=10$

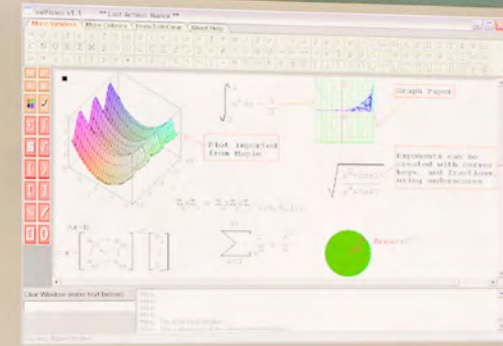
• X-ints:  $0=2x^2-5x+10$

Will it have x-ints?  
 $b^2-4ac = 25-80 = -55$   
"Discriminant"  
No x-ints!

$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a}$

Above x-axis.

Vertex:  $x = \frac{-b}{2a} = \frac{5}{4}$   
 $y = 2(\frac{5}{4})^2 - 5(\frac{5}{4}) + 10$   
 $y = \frac{25}{8} - \frac{125}{8} + \frac{80}{8} = \frac{55}{8} \approx 7$



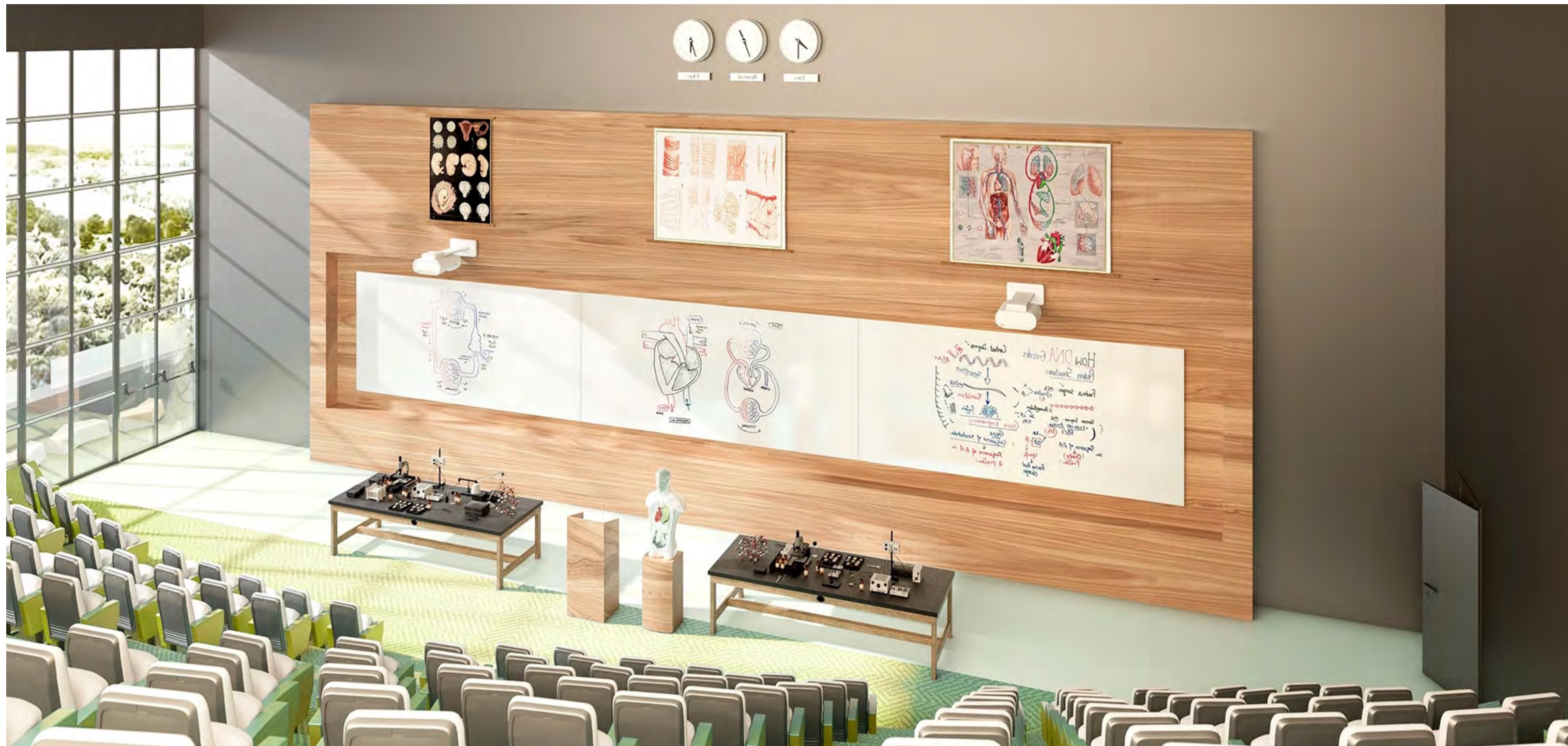






























# Commercial



## Commercial Spaces For Tomorrow's Work Environment

Commercial spaces require a balance of functionality, durability, and modern design. Surfaces are crucial for enhancing productivity and aesthetics, whether in busy offices, retail settings, or collaborative areas. Polyvision's solutions offer versatile and easy-to-maintain options that adapt to the needs of dynamic workplaces. With customizable designs and a professional finish, they transform commercial spaces into inspiring and efficient environments.





















COMMERCIAL



Polyvision



























# Public



## Reinventing Public Spaces

Public spaces cater to diverse communities and experience high levels of traffic, necessitating resilient, safe, and visually appealing surfaces. From transit hubs and government buildings to cultural centers, Polyvision's solutions are engineered to endure the demands of busy environments while preserving a clean and polished look. Our customizable and durable options enhance the functionality and aesthetics of spaces that connect and serve the public.

















































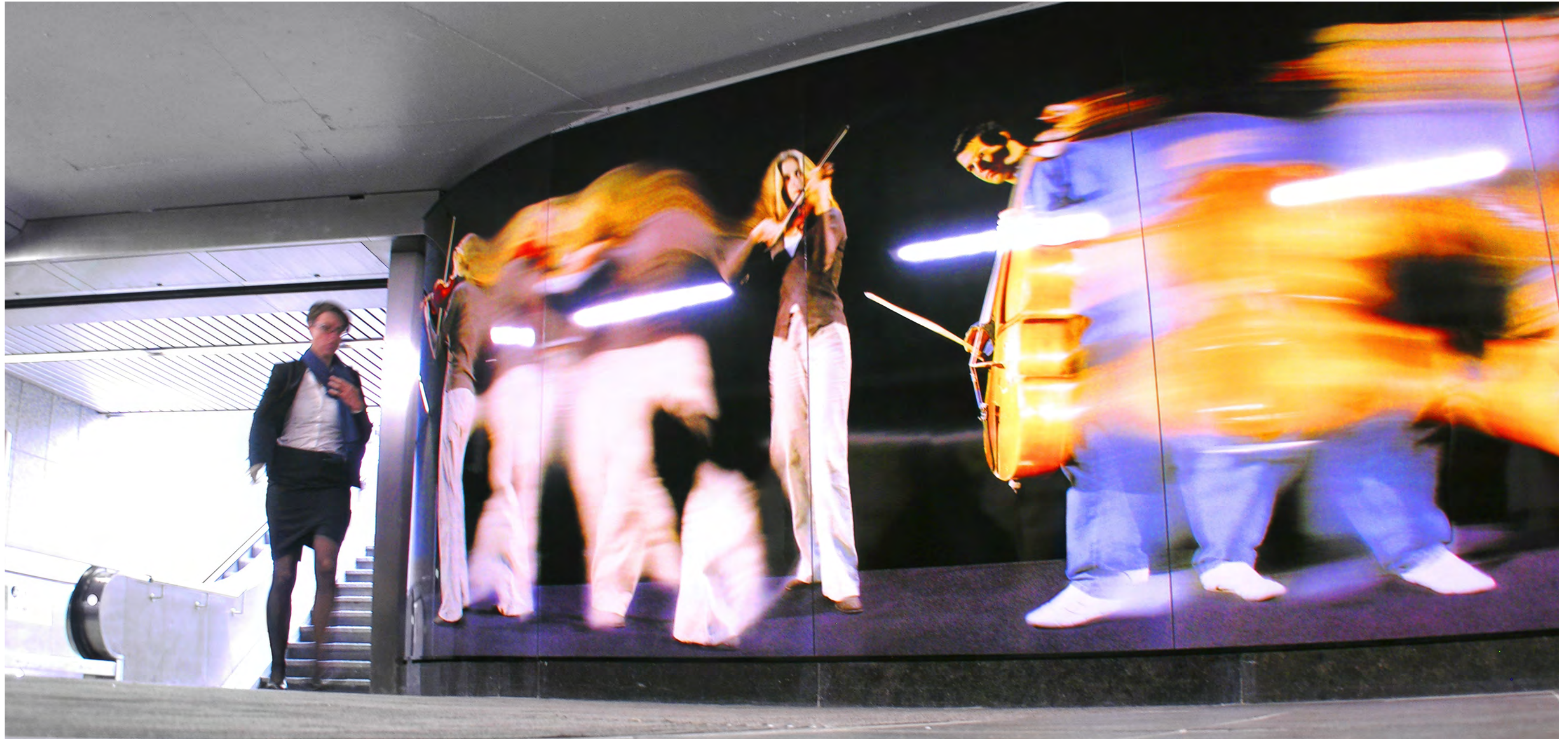












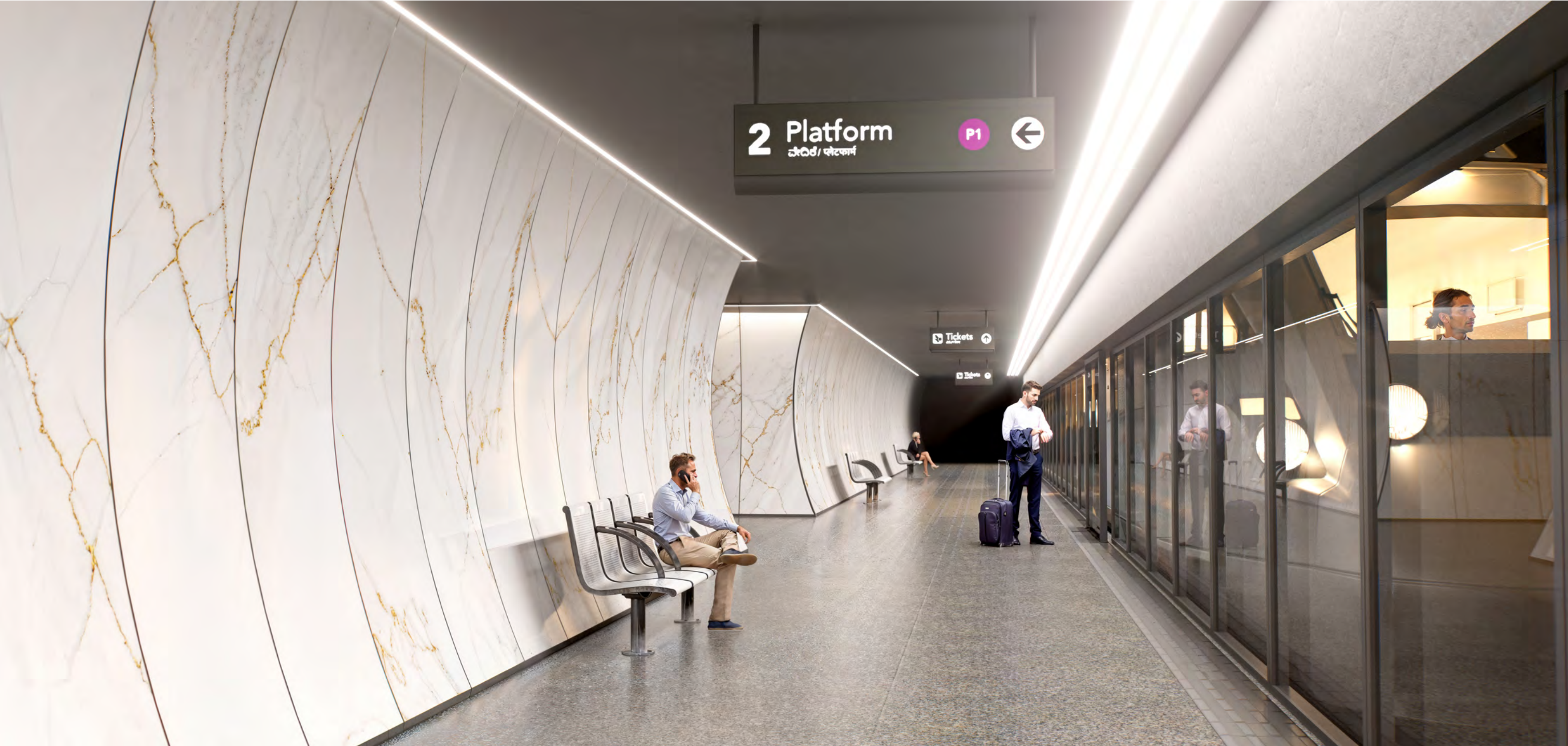


















# Healthcare



## Healthcare Environments With Polyvision CeramicSteel Surfaces

The healthcare industry requires environments that highlight hygiene, durability, and functionality while maintaining comfort and aesthetics. Every surface must comply with strict sanitary and safety standards, from high-traffic corridors to patient rooms and operating halls. Polyvision's solutions are designed to meet these needs, providing healthcare professionals with reliable, easy-to-maintain surfaces that enhance efficiency and patient experience. By combining practicality with customizable design, we help create spaces that are not only resilient but also welcoming and calming for patients, visitors, and staff.







































# Hospitality



## Hospitality Spaces With Polyvision CeramicSteel Surfaces

The hospitality industry focuses on creating memorable guest experiences through thoughtful design and functionality. Every detail is important, whether in luxurious hotel lobbies, busy restaurants, or event spaces. Polyvision's surfaces provide durable, low-maintenance solutions that blend style with practicality. With customizable designs, vibrant colors, and seamless finishes, these surfaces enhance any environment, creating an inviting atmosphere that leaves a lasting impression on guests.















# International Sales & Fulfillment

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



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