

# SplashSurface

The Future of Kitchen Design



# CeramicSteel Surfaces

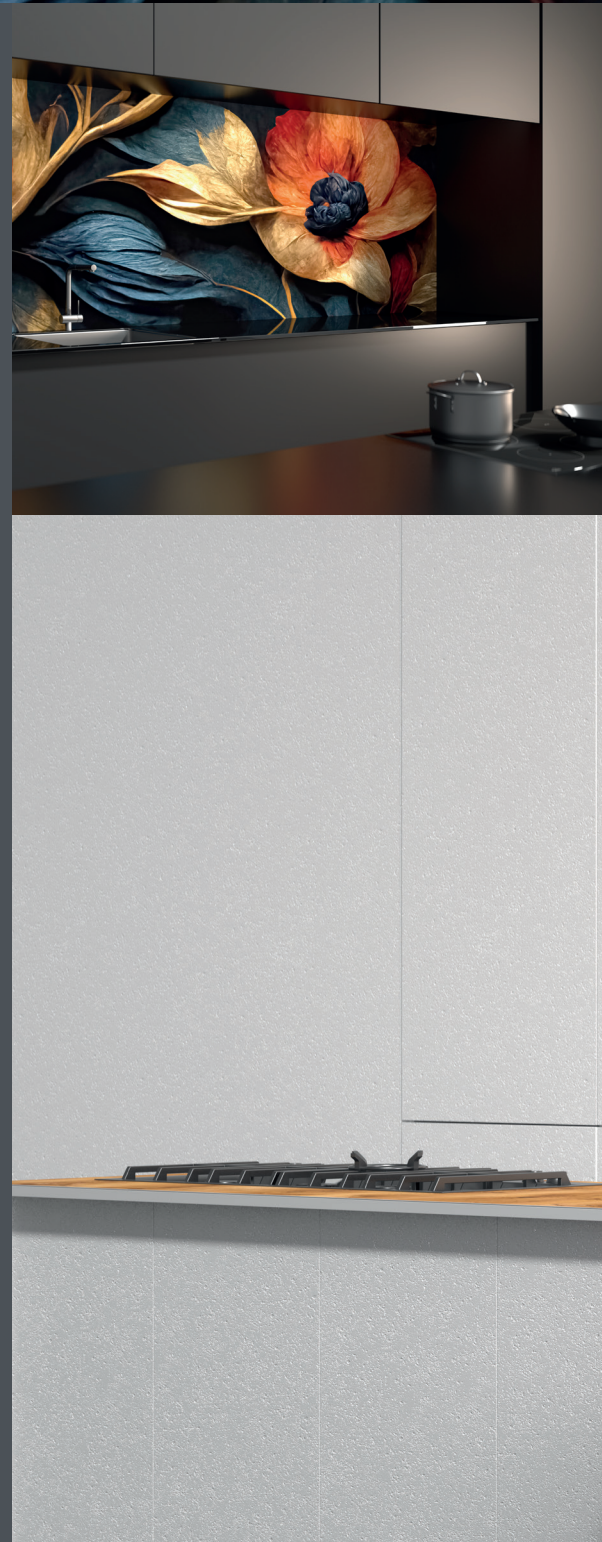
Durability, Functionality,  
and Safety for all Surfaces.

**For more than 70 years,  
Polyvision has been  
manufacturing CeramicSteel  
surfaces that endure even  
the harshest environments**

Formerly known as Alliance, the company traces its roots back to 1954, when it began manufacturing enameled steel for whiteboards, chalkboards, and architecture.

Throughout history, we have prioritized innovation and utilized advanced manufacturing technologies and material science to create the longest-lasting and most eco-friendly CeramicSteel surface available anywhere.

At Polyvision, we believe in the power of collaboration. We partner with renowned visionaries, researchers, and designers worldwide. This global network allows us to continue our tradition of producing innovative products, ensuring that architects and building professionals everywhere have access to the best solutions.



# Introduction to SplashSurface

SplashSurface is designed for modern homes and combines style with practicality, making it an essential component in any contemporary kitchen

**Homes are constantly changing, and with them, so are the standards of functionality and design. We perceive ourselves as a globally recognized leader in CeramicSteel surfaces, and with this new opportunity, we would like to introduce SplashSurface - an advanced splash wall solution**





# The Vision Behind SplashSurface

**The kitchen is more than just a cooking area; it's a space for showcasing creativity. Keeping this in mind, we have designed SplashSurface to elevate every kitchen's functionality and aesthetic appeal. Our product is made of high-quality porcelain enameled steel, making it visually stunning, incredibly durable, and practical because of its unique features.**

## Market Differentiation

Polyvision's Surface Design process creates high-resolution images and intricate designs that are permanently fused into SplashSurface surfaces, offering limitless decorative possibilities. This technology lets consumers personalize their kitchen walls with any desired pattern, image, or color palette, ensuring each installation is tailored to their home's decor.

Splashsurface's bespoke approach makes it easy to integrate seamlessly into any interior design theme, from minimalist modern to rustic or classical, making it an attractive option for new constructions and renovations. Furthermore, surface design on CeramicSteel does not compromise the product's durability and heat-resistant qualities, maintaining all the functional benefits while enhancing the aesthetic value.



# Product Features

SplashSurface goes beyond traditional splash walls by providing a solution at the forefront of technology and design trends. It's not just a wallcovering; it's the future of kitchen aesthetics.

CeramicSteel is a surface that is resistant to bacteria and viruses. It is nonporous, which means it doesn't have pores or openings that allow bacteria and viruses to enter. Polyvision's Hygienic CeramicSteel is also available in coils, sheets, and panels with a type U and L finish. This finish contains an additive of silver microparticles that helps create a self-sanitizing surface.

## Features and Benefits

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





# Why SplashSurface

Splash walls are crucial in the kitchen, serving practical and aesthetic purposes. They protect the walls behind the countertop and sink from stains such as water, grease, and food splatters during cooking and preparation, keeping the walls clean and free from damage.

Splash walls also prevent food particles and liquids from penetrating the walls, which can cause bacterial and mold growth. They provide a non-porous surface that is easy to clean, ensuring a hygienic kitchen environment.

Aesthetic-wise, splash walls can enhance the kitchen's visual appeal by introducing color, texture, and pattern. They can serve as a focal point or complement the kitchen's overall design.

Maintenance-wise, splash walls require minimal upkeep. They are durable and resistant to heat, moisture, and stains, making them an ideal solution for busy kitchen spaces.





# Material Comparison

## Tiled SplashBack

### Advantages

- Timeless and classic in design
- Can complement the kitchen's existing aesthetic
- Italian porcelain tiles are easier to clean, durable, and moisture-resistant

### Disadvantages

- The grout around the tiles can be difficult to clean
- Requires more attention to detail of each tile

## Glass SplashBack

### Advantages

- A modern and sleek choice
- Heat resistant
- Easy to clean and sanitize
- Varying colors and patterns to brighten up your kitchen

### Disadvantages

- Higher cost for correct installation
- Fingerprints may be seen more quickly

## Stainless Steel

### Advantages

- A heat and water resistant option
- Can look very modern for all ages of kitchen's

### Disadvantages

- Dependent on the size of the splashback it can look too industrial
- Need to clean often as dried food or stains can be difficult to remove

## Acrylic SplashBack

### Advantages

- More cost-effective than glass splashback
- Multiple choice of vibrant colours
- Hard wearing

### Disadvantages

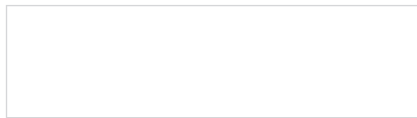
- More prone to show scratches
- Can look cheap compared to glass or tiled splashbacks





# Colors

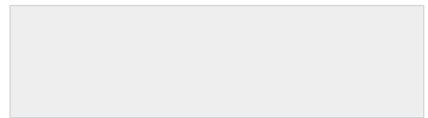
Our CeramicSteel products come in a variety of long-lasting colors, ranging from bright and dynamic to subtle and refined, and they are designed to elevate any area with the quality and reliability that Polyvision is known for. For those who need personalized solutions, we also offer surface design that allows for complete customization. You can choose from our predefined color options or create custom design prints\* to fully express your vision in any setting.



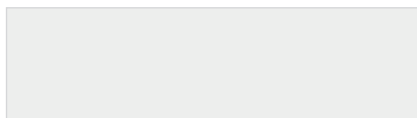
**Traffic White \*\* Architectural Surface**  
Polyvision Color Code 9016M



**Arctic White CS Gloss \***  
Polyvision Color Code 6111



**White Gloss \***  
Polyvision Color Code 6100



**Hygienic White CS Gloss\*\*\***  
Polyvision Color Code PV09



**Light Grey Gloss**  
Polyvision Color Code 6101



**Black Gloss**  
Polyvision Color Code 6106



**Beige Gloss**  
Polyvision Color Code 6102



**Green Beige Gloss**  
Polyvision Color Code 6104



**Delicate Blue Gloss**  
Polyvision Color Code 6120



**Golden Kiwi Light Gloss**  
Polyvision Color Code 6121



**Tropical Peach Light Gloss**  
Polyvision Color Code 6122

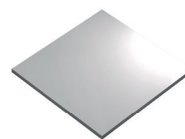


**Seasalt Gloss**  
Polyvision Color Code 6123

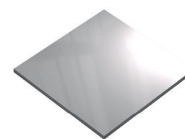
**NOTE\*\*** 9016M does not qualify for e3 L specifications

# Surface Types

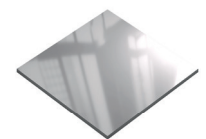
Several gloss levels possible



**Matte Gloss**



**Low Gloss**

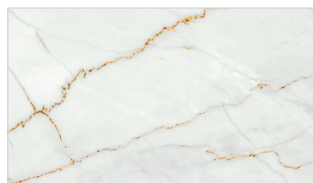


**Ultra High Gloss**

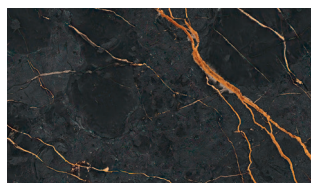
**Surface Design Patterns** - Other patterns possible



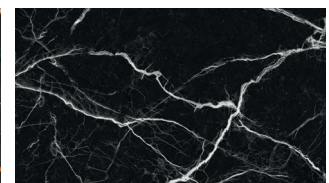
**Light Calacatta**



**Gold Calacatta**



**Ombre Calacatta**



**Dark Calacatta**



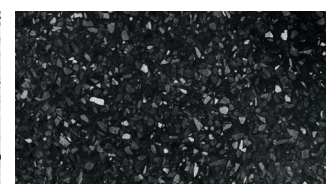
**Neutral Concrete**



**Grey Concrete**



**Light Terrazzo**



**Dark Terrazzo**

**NOTE\*\*\*** Patterns not possible with Hygienic.



# Specifications

Property	Specification	e <sup>3</sup> H
Total thickness enamel top coatings	ISO 2 178 / ASTM B499	85 - 12 0 µm / 3.35 -4.72 mils
Steel thickness		<1000mm 0.32mm >1000mm 0.35mm
Thickness back-side enamel coating	ISO 2 178 / ASTM B499	Type A: 2 5 - 50 µm / 0.98 - 1.97 mils Type B : 35 - 50 µm / 1.38 - 1.97 mils
Total thickness		<1000mm 0.4 - 0.51mm >1000mm 0.43 - 0.54mm
Available standard widths		875 - 890 - 975 - 1000 mm 1175 - 1190 - 1200 - 1216 mm
Available standard colors		see above
Weight (typical)		2 .9 - 3.2 kg/m <sup>2</sup>
Color deviation from standard	ISO 7724 / ASTM D2 244-02	ΔE <sup>94</sup> = 1 .5 max
Gloss	ISO 2813 / ASTM D52 3 60° ISO 2813 / ASTM D52 3 20°	(Indicative: 70 GUJ 2 5 (+10/-5) GU
Mohs surface hardness	EN 15771	Min. 5
Scratch resistance	ISO 15695	Min. 7 N
Pencil hardness	ASTM D-3363	> 9H
Wear resistance	ASTM C 501 (Abrasive S 33/1 kg/1000 revs.)	Max. 0.1 g
Impact resistance	ISO 4532 (2 0N - 24h)	< 2 mm
Cold acid resistance	EN 14483-1-9 / ISO 28706-1-9	Min.A
Solvent resistance	EN ISO 28762 §6.7	No change
Fire resistance	EN 13501-1 +A1	Incombustible - Class A 1
Color stability	ASTM C 538	ΔE <sup>94</sup> ≤ 5
Cleanability	EN ISO 28762 §8.2	Excellent (ΔE <sup>94</sup> ≤ 0.5)
Resistance to staining	EN ISO 28762 §8.2	Excellent (ΔE <sup>94</sup> ≤ 0.5)
Resistance to vandalism	EN ISO 28762 §9	No change
Magnetic property		Magnet retaining: standard (Ferrite) or rare-earth (Neodymium) magnets
EN ISO 28762	EN ISO 28762	Fulfilled
European Enamel Authority	EEA Quality Requirements	EEA 7.17: Fulfilled
MBDC Cradle to Cradle Certified	Cradle to Cradle Bronze	Certified
PEi 1002 compliant	PEi 1002	Fulfilled
ISO 9001, ISO 14001 compliant	ISO 9001	Certified

**NOTE** 9016M does not qualify for e3 H specifications.



# 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

All Polyvision facilities are compliant with international standards and certified for Quality, Environment, Health and Safety. Our environmental goals aim to reduce and manage our global environment footprint in the areas of VOC emission, water use, waste output and CO<sub>2</sub> emission.

- ISO 9001 Quality Management Systems Certification
- ISO 45001 Occupational Health & Safety Management Certification

## 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**<sup>®</sup> Bronze — 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

Our CeramicSteel surface is 99% recyclable, made from 100% inorganic materials, and backed by a twenty-year limited warranty when used in architectural spaces. We partner with our customers to help them meet their sustainability goals and contribute to architecture's enduring performance and beauty worldwide.



# Forever Warranty

Polyvision warrants that all porcelain-enameled surfaces made with e<sup>3</sup>™ CeramicSteel with or without printing 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. In addition, Polyvision warrants that any Hygienic CeramicSteel surface manufactured by Polyvision will retain its Hygienic properties for the life of the building or for as long as the product is in use, whichever comes first.

Should any failure to conform to this warranty become apparent, then, upon written notice from the customer, Polyvision, at its option, will correct such nonconformity by repair or replacement. Correction in the manner provided above shall constitute a fulfillment of all liabilities of Polyvision with respect to the quality of the CeramicSteel writing surface. The warranty is applicable only under normal usage and maintenance and does not cover defects caused by improper handling, vandalism or abuse, or arising from failure to follow Polyvision's instructions and recommendations for maintenance.

The warranty is voided if any modifications are made to the products by the customer or other trades with or without Polyvision's written consent or prior knowledge. The warranty does not include the cost of removal or reinstallation. This warranty is effective as of March 7, 2024, and supersedes the terms and conditions of all prior surface warranties issued to the customer by Polyvision.

**This limited warranty is the sole remedy for product defects and no other express or implied warranty is provided, including but not limited to any implied warranties of merchantability or fitness for a particular purpose. Polyvision shall not be liable for consequential or incidental damages arising from any product defect.**

**NOTE** Architectural surfaces are covered under the Polyvision Limited International Warranty (20 years).



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## **SURFACEMATTERS™**

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