

SplashSurface

The Future of Kitchen Design



CeramicSteel Surfaces

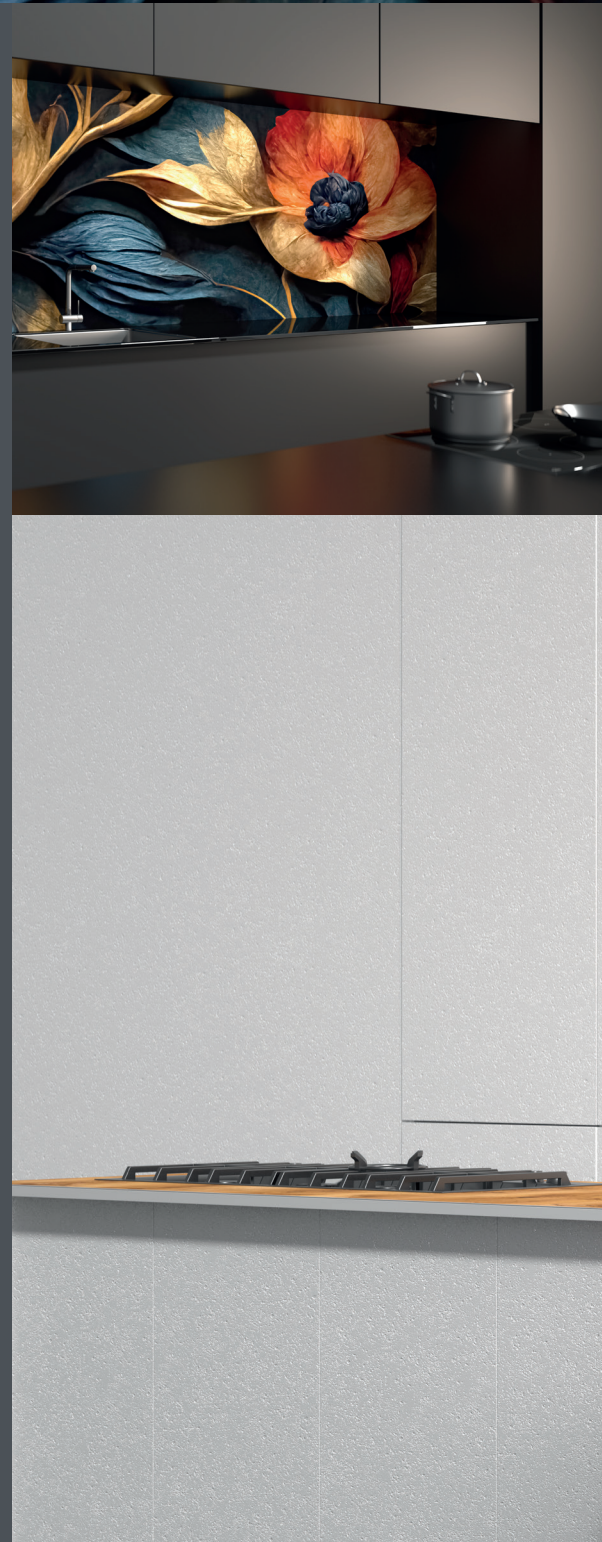
Durability, Functionality,
and Safety for all Surfaces.

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

Formerly known as Alliance, Polyvision's roots trace back to 1954, when it began manufacturing enameled steel for whiteboards, chalkboards, and architecture.

Throughout history, Polyvision has 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 fosters 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.

Our living spaces are constantly evolving, so are the standards of functionality and design. Polyvision is a globally recognized leader in CeramicSteel surfaces, and we would like to introduce SplashSurface - an advanced splash wall solution that meets these new standards with durability and sophistication.





The Vision Behind SplashSurface

The kitchen is more than just a space to create delicious meals; 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 with several 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 many patterns, images or color palettes, 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 construction and renovation. Surface design on CeramicSteel enhances the surface without compromising 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 surface is resistant to bacteria and viruses. It is nonporous, which means 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 creates a self-sanitizing surface.

Features and Benefits

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





Why SplashSurface

Splash walls are an important feature in the kitchen, serving practical and aesthetic purposes. They protect the walls behind the countertop and sink from staining with water, grease and food elements during meal preparation, keeping the walls clean and free from damage.

SplashSurface creates a non-porous barrier that prevents food elements and liquids from penetrating the walls, which can cause bacterial and mold growth. Polyvision's SplashSurface is easy to clean, ensuring a hygienic kitchen environment.

Aesthetically, splash walls 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.

Polyvision's SplashSurface requires minimal maintenance, minimizing the daily cleaning process. Our surface is moisture-proof and durable, resisting heat, staining, and damage from cooking implements to provide an ideal solution for busy kitchen spaces.



Material Comparison

Tiled backsplash

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 backsplash

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 backsplash

Advantages

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

Disadvantages

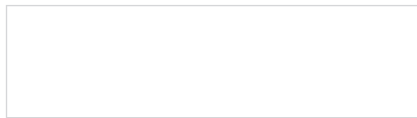
- More prone to show scratches
- Can look cheap compared to glass or tiled splashbacks



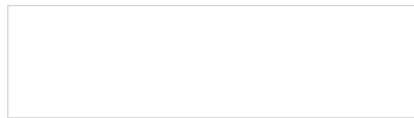


Colors

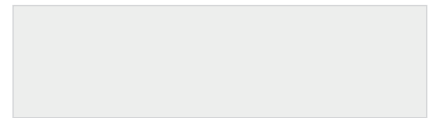
Our CeramicSteel products come in a variety of colors, ranging from bright and dynamic to subtle and refined, and they are designed to elevate any area with the quality and reliability for which Polyvision is known. For those who need personalized solutions, we also offer surface design to explore customization.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



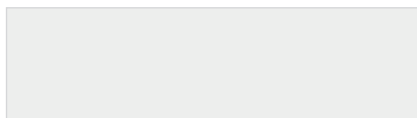
Traffic White ** Architectural Surface
Polyvision Color Code 9016M



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



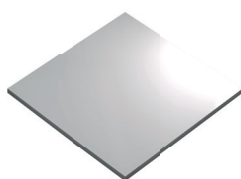
Tropical Peach Light Gloss
Polyvision Color Code 6122



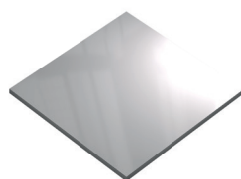
Seasalt Gloss
Polyvision Color Code 6123

NOTE* Surface Design is only available on white gloss 9016 G
NOTE** 9016M does not qualify for e3 L specifications
NOTE*** Patterns not possible with Hygienic.

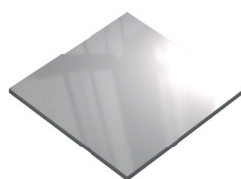
Surface Types Several gloss levels possible



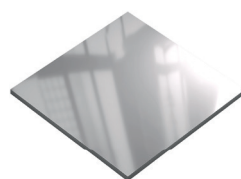
Satin



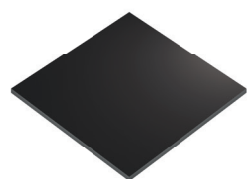
Low Gloss



High Gloss



Ultra High Gloss

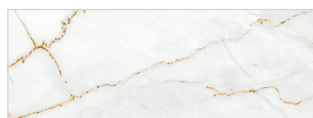


Chalk

Surface Design Patterns - Other patterns possible



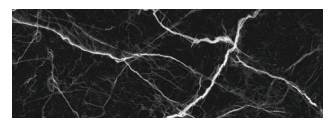
Light Calacatta



Gold Calacatta



Ombre Calacatta



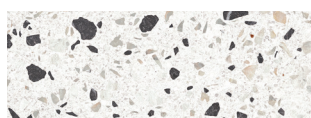
Dark Calacatta



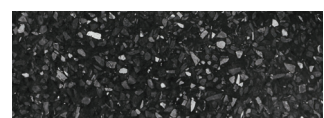
Neutral Concrete



Grey Concrete



Light Terrazzo



Dark Terrazzo



Specifications

Property	Specification	e ³ 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 ²
Color deviation from standard	ISO 7724 / ASTM D2 244-02	ΔE ⁹⁴ = 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 ⁹⁴ ≤ 5
Cleanability	EN ISO 28762 §8.2	Excellent (ΔE ⁹⁴ ≤ 0.5)
Resistance to staining	EN ISO 28762 §8.2	Excellent (ΔE ⁹⁴ ≤ 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 CO₂ 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**[®] 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.



Limited International Warranty

Polyvision Corporation warrants all porcelain-enameled CeramicSteel surfaces with or without printing used for architectural applications to be free from defects in materials and workmanship for the periods set forth herein. This limited warranty is valid from the date of shipment.

Surface: 20 year limited warranty

Polyvision warrants that our surfaces, under normal atmospheric conditions and when sealed from moisture, will not fade, stain, discolor, craze, crack, flake, corrode or peel for a period of 20 years.

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.

Warranty does not apply to product failure or loss resulting from:

- Failure to apply, install or maintain the product at all times in such a way that the back and all exposed edges and joints are protected from moisture exposure
- Failure to laminate to sufficiently rigid substrate
- Normal wear and tear
- Abuse, misuse, vandalism or accident
- Alteration or modification of the product
- Faults in underlying structure or surface attachment

Warranty does not cover:

Materials and services supplied by purchaser or a third party in connection with the fabrication, installation, or maintenance of the product (including, but not limited to, adhesives, sealing agents, substrates, and lamination). Warranty provides exclusive remedies: Pursuant to this limited warranty, Polyvision will repair or, at Polyvision's discretion, replace the defective product at no charge. Or, Polyvision will refund the purchase price for the defective product if repair or replacement is not commercially practicable or cannot be completed in a timely manner. A product "defect" means an inadequacy in the materials or workmanship of the product that (i) existed at the time the product was received from Polyvision, and (ii) causes a failure of the product to perform under ordinary use in accordance with the materials and documentation accompanying the product.

This limited warranty is the sole remedy for product defect 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 any consequential, indirect, special, punitive or incidental damages. Warranty effective 07/03/2024.



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