



CeramicSteel

ARCHITECTURAL PANELS

Aesthetics + Durability + Utility for Public Interiors



 **Marlite**[®]
A Division of Nudo[®] Products, Inc.

PolyVision[®]

A Partnership of *Innovation*



Marlite, a prolific wall panel manufacturer, specializes in crafting proven, pre-engineered systems that are consistent, easy-to-install and affordable.

PolyVision, a Steelcase company, makes the durable a³ CeramicSteel surface material to complement, enhance and protect architecture around the world.

The two renown companies have come together to offer one the world's most beautiful and durable surfaces for interior walls in North America.

Combining the best qualities of porcelain and steel, the surface is simply unmatched in the industry. And with the highest density fiberboard core and aluminum backer, the panelized system is so simple that designers can beautify and protect the most demanding public spaces without breaking the budget.

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For use in any space where *people meet material*

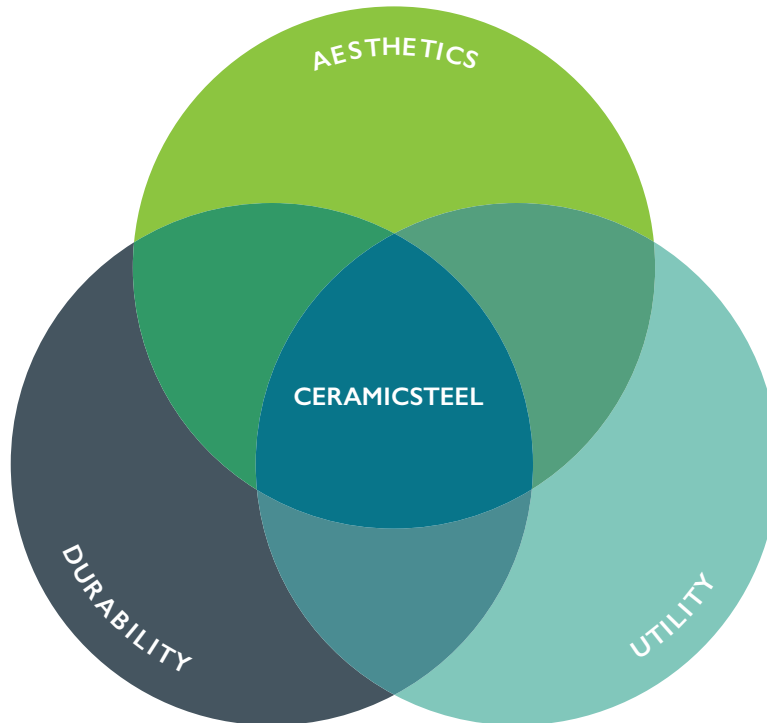
For over 60 years, PolyVision CeramicSteel surfaces have proven to stand the test of time in even the most demanding environments. From train stations and tunnels to hotels and hospitals, CeramicSteel surfaces span more than 2 billion square feet of architecture around the world.



Noteworthy Projects

- | | |
|---|---|
| 1 Liverpool, UK
Mersey Queensway Road Tunnel | 5 Singapore
Telok Ayer Street Station |
| 2 London, UK
Liverpool Street Station | 6 San Francisco, CA, USA
San Francisco International Airport |
| 3 Madrid, Spain
M-30 Road Tunnel | 7 Boston, MA, USA
Logan Airport, Callahan & Sumner Tunnels |
| 4 Sochi, Russia
Alpika-Service Route Road Tunnel | 8 New York City, NY, USA
Rockefeller Center, South Ferry |

a³ CeramicSteel *Advantages*



Aesthetics + Durability + Utility

a³ CeramicSteel is one of the most durable surfaces available anywhere in the world. Strong, consistent and enduring, it is scratch resistant and will not corrode. It refuses stains and is colorfast. As a result, cleaning is easier, maintenance is minimal and life cycle costs are dramatically reduced.

Features and Benefits:

- Defies aggressive and polluted environments
- Removes graffiti with no residue
- Difficult to scratch with a knife
- Easy to clean with water or any solvent
- Smooth, inert surface made from inorganic materials
- Surface is 99% recyclable
- Class A fire-rating

TION

出口
EXIT





The a³ CeramicSteel surface is commonly used in auto tunnels due to its unmatched durability attributes. Marlite's a³ CeramicSteel panel construction is for interior use only.

Unique Quality Characteristics



Chemical
Resistant



Scratch
Resistant



Bacteria
Resistant



Fire
Resistant



Graffiti
Resistant



Stain
Resistant

Ideal For Any Interior Space Where People Meet Materials

- Transportation Terminals
- Arenas and Stadiums
- Corridors
- Lobbies
- Dining Rooms
- Kitchens
- Restrooms
- Other rooms subject to abuse

Panel Information:

Sizes –	4' x 8' x 1/4" (nominal)
	47 3/4" x 95 3/4" x .250" (actual)
	4' x 10' x 1/4" (nominal)
	47 3/4" x 119 3/4" x .250" (actual)
Construction –	a ³ CeramicSteel surface
	High Density Fiberboard (HDF) core
	Aluminum backer



Finishes

Enhance any space by choosing from 2 finishes, 23 standard colors, 3 premium colors or select from an array of custom colors and surface imaging capabilities.

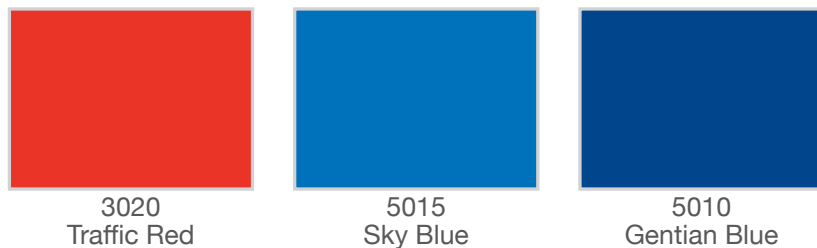
Standard Matte Finish (Approximately 30% Gloss)



Standard Gloss Finish (Approximately 95% Gloss)



Premium Colors



Actual colors may vary from the colors shown.



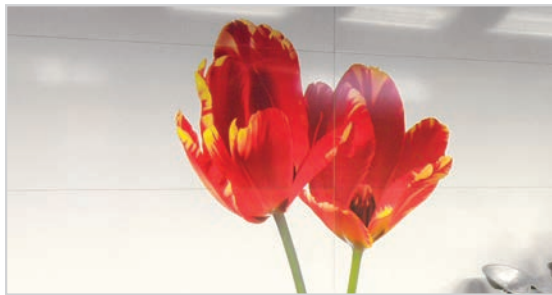
Surface Imaging *Options*

There are countless possibilities for infusing art and design into the surrounding architecture. Whether displaying wayfinding or artistic expressions of nature, local culture or company history, Surface Imaging on a³ CeramicSteel connects individuals to their surroundings.

All Surface Imagery on a³ CeramicSteel is colorfast, scratch and abrasion resistant and possesses the same utility characteristics as solid colors for demanding environments. Images are applied and fired in the range of 1292 - 1652°F into the CeramicSteel surface.

Customizable graphics to promote:

- Imagery
- Identity
- Symbolism
- Communication
- Wayfinding
- Emotion



Digital Print Process

State-of-the-art digital printing and ceramic inks are ideal for projects with unique images, smaller batch sizes and faster turnaround.



Screen Printing Process

Semi-automatic flat table screen printing process is perfect for large batch sizes, repeatable patterns and text ranging from single to multi-color jobs.

Custom Panel Colors

Custom enamel colors can be matched to a sample reference. The graphic below illustrates the approximate range of colors available.

Color 1

Custom color matches to sample or reference.

Panel Dimensions

Base Color Options	Max Dimensions
Color 1	4' x 10' (nominal)



Custom Enamel Color Range

Highlighted colors (within dark gray border) represent the approximate ideal color range available for custom enamel. Not all colors within the complete color wheel are possible.

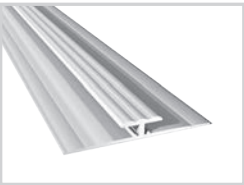


Aluminum Trim

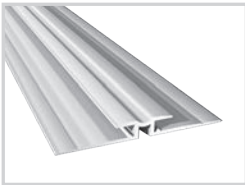
- Length – 8’
- Colors – As specified
- Material – Extruded aluminum with durable finish

Designer Trim

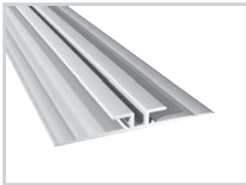
Available in Clear Satin Anodized or Harmonizing color



Ribbed
FC566



Radius
FC567



Square Channel
FC568

Harmonizing Trim

Durable painted aluminum trim molding harmonizes with any panel color.



Inside Corner
AC551



Outside Corner
AC560



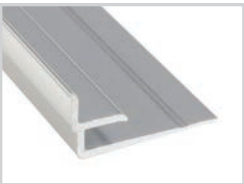
Division
AC565



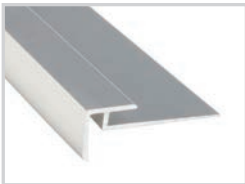
Edge
AC570

Anodized Trim

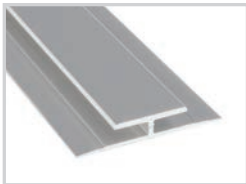
Satin, Bright Satin or Black Satin Anodized aluminum trim molding for use with any panel color.



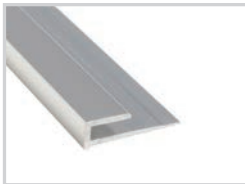
Inside Corner
FC551



Outside Corner
FC561



Division
FC565



Edge
FC570

Corner Guard

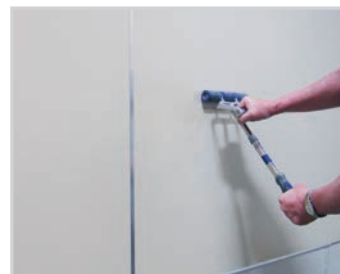
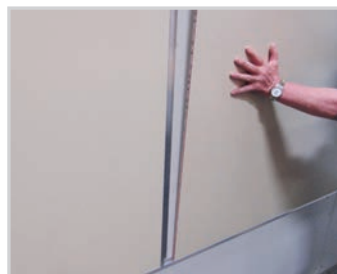
- Length – 8’ and 10’
- Colors – Stainless
- Material – Stainless Steel



F 560SS Stainless
Corner Guard

Installation

a³ CeramicSteel Panels install using Marlite brand adhesive applied over an approved subwall, such as drywall.



DOWNTOWN STATION

exit   



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Marlite is committed to protecting our environment and sustaining resources for future generations.

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