

AKINITOS CRASH RATED PRODUCTS

CATALOG

Trusted Manufacturing Partner for Commercial Architects

PalmSHIELD

531-325-8080 EXT 2

www.palmshieldlouvers.com



PalmSHIELD

ABOUT US

For over fifty years, **PalmSHIELD** has led the industry in designing and manufacturing. We offer the widest selection of louvered, solid, semiprivate, staggered, perforated, woven wire, and custom laser-cut systems – engineered to meet UBC and IBC wind load codes.

Our products are designed for ease of installation, with complete fabrication and field assembly drawings provided. From premium structural systems requiring no additional support to cost-effective louvers built for quick assembly, **PalmSHIELD** delivers solutions for every project and budget.

Dedicated to exceptional service, our project management team provides weekly updates with photos to ensure clear communication from start to finish. **PalmSHIELD** is proud to be recognized for both product excellence and outstanding customer experience.

PROJECT MANAGEMENT

Every screening project is assigned a dedicated project manager who provides Day One contact, weekly updates, fabrication drawings, timely follow-ups, and photos prior to shipment.

PROJECT DESIGN

PalmSHIELD's design and engineering team provides site-specific support and detailed fabrication drawings for your screening system, submitted for your approval.

PROJECT ENGINEERING

PalmSHIELD's screening systems are fully engineered, supported with engineering documents and project-specific stamped drawings from a local engineer.

FABRICATION & COATING

As custom metals fabricators, we combine our 80,000 sq. ft. facility with hands-on attention to your enclosure, backed by daily quality control and a Certified Weld Inspector (CWI).

INSTALLATION

PalmSHIELD's installation teams have over twenty years of experience and have completed projects in most major metropolitan areas.

TRANSPORTATION

PalmSHIELD has shipped hundreds of projects nationwide, partnering with trusted carriers and maintaining constant communication to ensure timely, reliable delivery.



AKINITOS™
PRODUCT LINE

PalmSHIELD
CRASH RATED

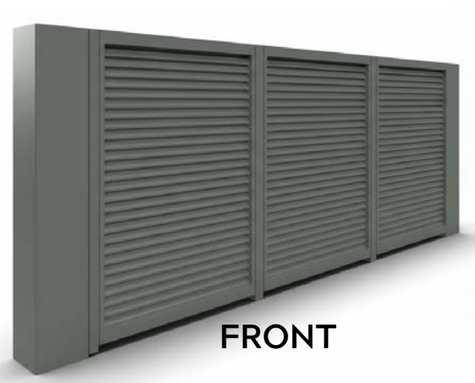
Akinitos™ combines **PalmSHIELD**'s industry-leading Elite architectural equipment screening with integrated Black Security Products passive cable barrier technology to create a single system that conceals critical infrastructure while defending it against vehicle threats. Unlike traditional crash barriers, Akinitos delivers certified perimeter protection without sacrificing the architectural appearance of your facility.

Akinitos™ is not simply a vehicle barrier or an architectural screen. It is a fully integrated perimeter security system that combines **PalmSHIELD**'s Elite architectural screening with Black Security Products' ASTM-certified passive cable barrier technology.

Unlike traditional perimeter barriers that remain fully exposed, Akinitos™ integrates the passive cable barrier directly into **PalmSHIELD**'s Elite screen system.

The cable barrier is concealed behind the architectural panels while heavy-duty structural end posts absorb and transfer impact forces during a vehicle collision.

The result is a cleaner architectural appearance without compromising certified crash performance. The engineering drawing shows the M30 P1 cable barrier installed behind the panel system and anchored within the structural end posts, illustrating how the integrated system functions.





CRASH RATED **SCREENS**

All color options can be seen starting on page 108.

AKINITOS™ PRODUCT LINE

Black Security Products and **PalmSHIELD** have teamed up to provide both crash proven technology and industry best screening options for your site's limited mechanical equipment assets and high security access points.



Louvered Infill

ALUMINUM LOUVERED BLADE

CLICK HERE FOR MORE SPECS



Louvered Infill

ALUMINUM LOUVERED

CLICK HERE FOR MORE SPECS



Louvered Infill

COMPOSITE LOUVERED

CLICK HERE FOR MORE SPECS

GROUND SCREEN SPECS

WIDTHS & HEIGHTS

Height: Unlimited
Width: 6´ Maximum

PANEL COLUMN & FRAMEWORK

Column: **PalmSHIELD** exclusive 4" deep x 3" wide custom I-Beam with loose flange. Patent Pending.

Plate: 10" x 10" x ¾" plate

Panel Vertical: **PalmSHIELD** exclusive 4" wide x 2" deep x 1/8" tapered compression profile. Patent Pending.

Panel Top Cap: 4" x 3" x 1/8" aluminum channel.

Panel Bottom Cap: 4" x 3" x 1/8" aluminum channel. Intermediate 1" x 1/8" bar

Materials: 6063-T6 Aluminum

Fittings & Accessories: All fittings and accessories shall be stainless steel as specified by the manufacturer.

CABLE BARRIER SPECS

CABLES

Height: Installed at the designed height per product drawings.

Secured to the post using BSP (Black Security Products) compression fittings.

POST

Size: 12 inch by .250 wall square pipe

Material: Carbon steel (galvanized after fabrication)

CRASH RATING & PENETRATION REQUIREMENTS

Medium sized vehicle: 15,000 lbs (6,804 kg) gross weight.

Impact Speed: Must be 30 mph (48 kph) for M30 rating

Vehicle Impact Direction: Perpendicular

P1: Penetration does not exceed 1 meter (3.3 feet) beyond the pre-impact inside edge of the barrier.

P2: Penetration is between 3.3 feet and 23 feet.

P3: Penetration is between 23 feet and 98 feet

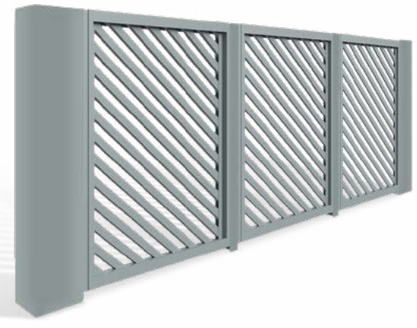
P4: Penetration is greater than 98 feet



Louvered Infill

VINYL LOUVER

CLICK HERE FOR MORE SPECS



Louvered Infill

DIAGONAL LOUVER

CLICK HERE FOR MORE SPECS

CRASH RATED **SCREENS**

AKINITOS™ PRODUCT LINE

All color options can be seen starting on page 108.



Louvered Infill

VERTICAL LOUVER

CLICK HERE FOR MORE SPECS



Semi-Private Infill

ALUMINUM SEMI-PRIVATE

CLICK HERE FOR MORE SPECS



Semi-Private Infill

COMPOSITE SEMI-PRIVATE

CLICK HERE FOR MORE SPECS

Whether you're protecting critical generators, HVAC systems, or sensitive entry points, Akinitos™ M30 P1 Crash Rated Screening Barrer offers:

ASTM F2656 M30 P1 rating	Fixed horizontal blades with custom spacing for airflow and screening	Supports up to 200" spacing between posts	100% direct visual screening	Designed to satisfy municipal code requirements for dumpster and mechanical equipment screening.	P1–less than 1 meter of penetration



Semi-Private Infill

VINYL SEMI-PRIVATE

CLICK HERE FOR MORE SPECS



Alternating Infill

ALUMINUM ALTERNATING

CLICK HERE FOR MORE SPECS



Alternating Infill

VINYL ALTERNATING

CLICK HERE FOR MORE SPECS



Solid Infill

ALUMINUM SOLID

CLICK HERE FOR MORE SPECS

CRASH RATED **SCREENS**

AKINITOS™ PRODUCT LINE

All color options can be seen starting on page 108.



Solid Infill

COMPOSITE SOLID

CLICK HERE FOR MORE SPECS



Solid Infill

VINYL SOLID

CLICK HERE FOR MORE SPECS



Staggered Infill

ALUMINUM STAGGERED

CLICK HERE FOR MORE SPECS

Secure, durable screening for critical infrastructure, sensitive equipment, and controlled access points. These applications include:

Data Centers Critical Infrastructure • Medical Facility Stored Flammable Liquids • Airport Access Points
Federal Building Access and Equipment • Stadium, Event Center and Arena Public • Private Access Points
Military Base Controlled Access • Equipment and Critical Wartime Equipment



Staggered Infill

COMPOSITE STAGGERED

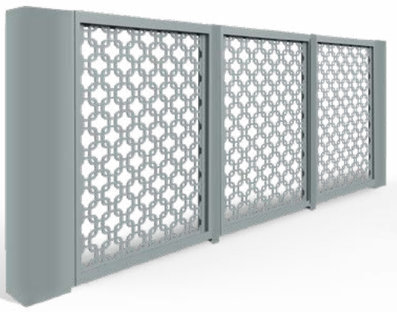
CLICK HERE FOR MORE SPECS



Staggered Infill

VINYL STAGGERED

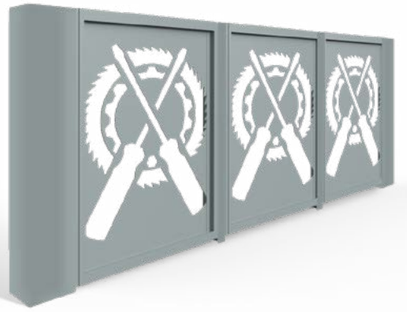
CLICK HERE FOR MORE SPECS



Laser Cut Infill

ARTISTIC

CLICK HERE FOR MORE SPECS



Laser Cut Infill

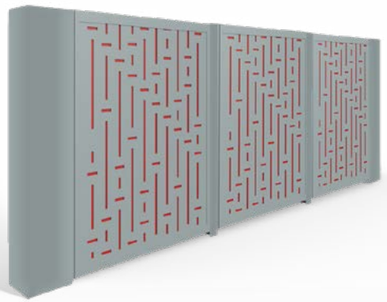
SYMBOL

CLICK HERE FOR MORE SPECS

CRASH RATED **SCREENS**

AKINITOS™ PRODUCT LINE

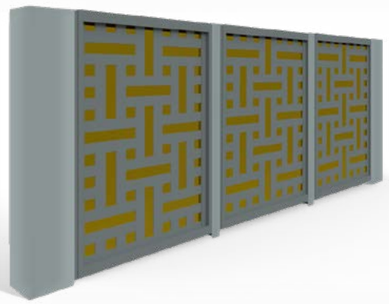
All color options can be seen starting on page 108.



Laser Cut Infill

BACKLIT

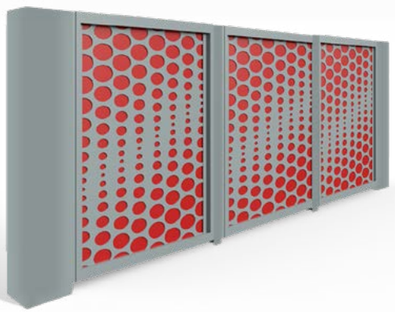
CLICK HERE FOR MORE SPECS



Laser Cut Infill

TRANSLUCENT

CLICK HERE FOR MORE SPECS



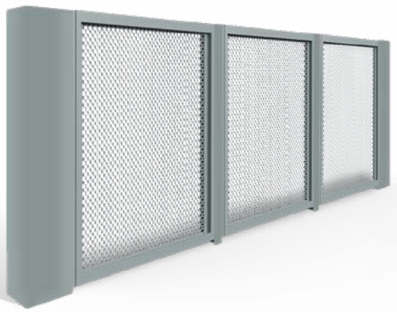
Laser Cut Infill

OPAQUE

CLICK HERE FOR MORE SPECS

Let's Build Your Defense Strategy Today

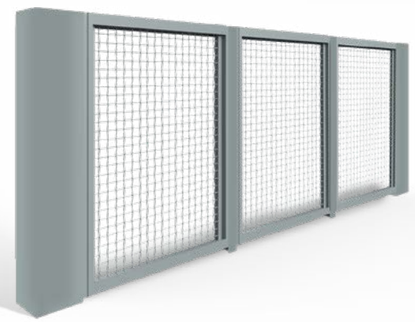
Data Centers Critical Infrastructure • Medical Facility Stored Flammable Liquids • Airport Access Points
Your site's critical infrastructure deserves more than standard protection. Whether you're guarding access points at a federal facility, shielding data center equipment, or securing airport or military operations, the Akinitos™ solution offers unmatched strength, privacy, and peace of mind.



Open Infill

PERFORMATED

CLICK HERE FOR MORE SPECS

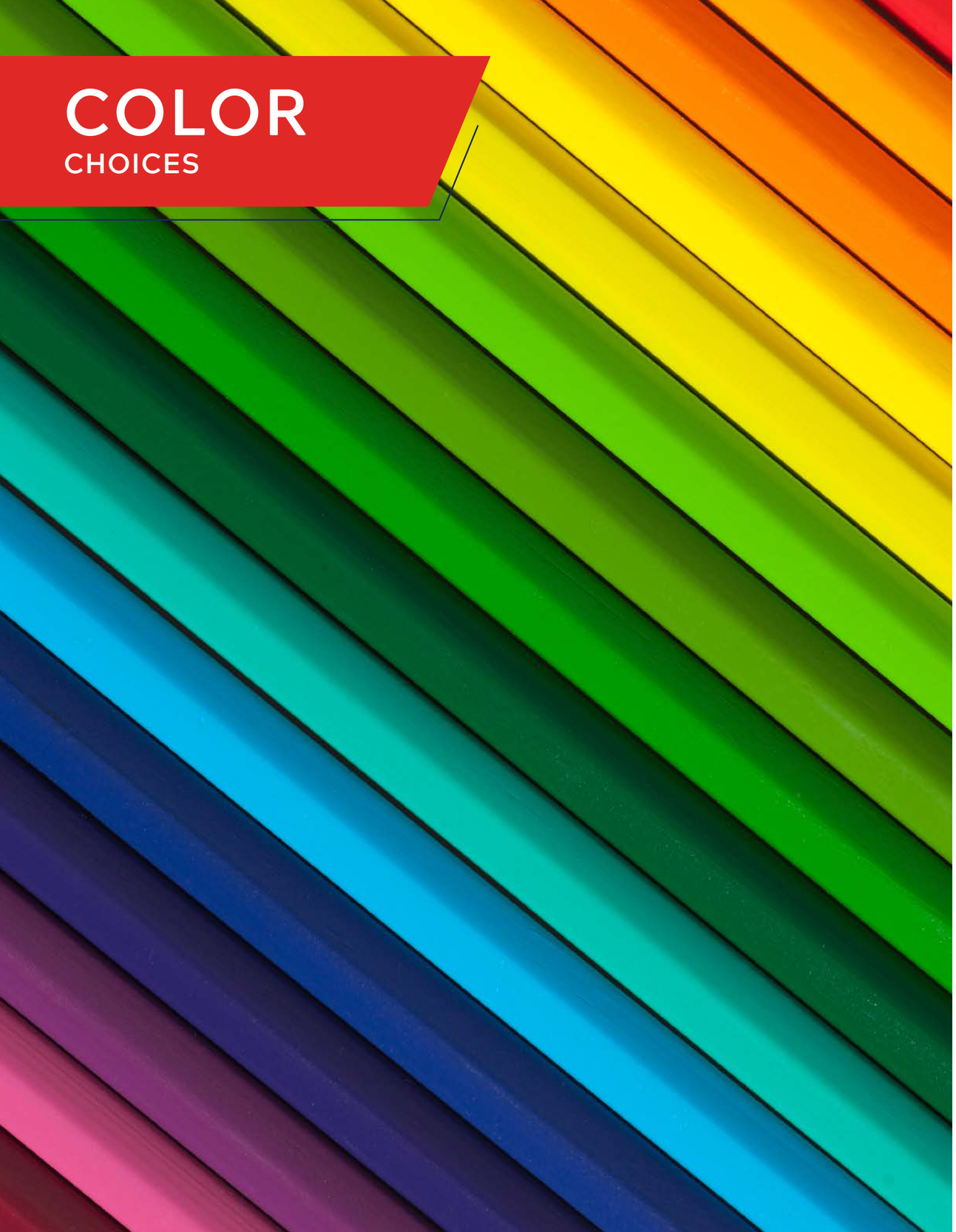


Open Infill

WIRE MESH

CLICK HERE FOR MORE SPECS





PalmSHIELD

CHOOSING COLORS

The following pages showcase our full range of color options across every product line. Our Aluminum Powder Coat Colors deliver a durable, corrosion-resistant finish for residential and commercial fencing, with choices spanning classic black and bronze to custom architectural colors. We even offer custom color finishes as well. For projects calling for the warmth of natural materials without the upkeep, our Metal, Wood & Stone collection uses an advanced sublimation process to permanently infuse realistic wood grain, stone texture, and metallic finishes into the aluminum substrate–giving architects the aesthetic versatility they need while preserving aluminum's structural performance and long-term durability.

Vinyl fencing and standard Powder Coat colors remain popular for residential installations, offering cost-effective, low-maintenance solutions for homeowners. Meanwhile, the sublimated Metal, Wood & Stone and Modern Contemporary lines give architects a broader design vocabulary for projects demanding a more custom or upscale material appearance–all detailed in the color selections that follow.

COMPOSITE COLOR CHART

Our Composite color palette brings the natural texture and grain of wood to vinyl fencing, without the maintenance that real wood demands. From the warm neutrality of Adobe to the deep, rich tones of Chestnut and Moch Walnut, each color is designed to complement a wide range of architectural styles and exterior palettes. The cooler Dark Gray and Lite Gray options offer a more contemporary look, giving homeowners the flexibility to match fencing to the surrounding landscape, building materials, or overall design aesthetic.


Adobe


Chestnut


Dark Gray


Lite Gray


Mocha Walnut

VINYL COLOR CHART

Our vinyl color palette offers a broad range of finishes, from realistic wood grain textures to clean, solid tones, giving homeowners the freedom to match any exterior style. Wood-inspired options like Aspen Latte, Green Teak, and Mocha Walnut bring warmth and natural character to a fence line, while Chai Gray and Dark Gray offer richer, more contemporary alternatives. For a more traditional or minimalist look, solid shades like Tan, Lite Gray, and classic White provide timeless versatility that complements virtually any home.



POWDER COAT COLOR CHART

Our powdercoat finish is available in an extensive range of RAL colors, giving architects and homeowners near-limitless flexibility to match any exterior palette or design vision. From timeless neutrals like Jet Black, Signal White, and Grey Aluminum to bold accent options across the yellow, red, blue, and green families, this palette supports everything from traditional fence lines to distinctive architectural statements. Each color delivers the same durable, corrosion-resistant protection, ensuring long-term performance no matter which shade is specified.

1000

1000	1001	1002	1003	1004	1005	1006	1007	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021
Green Beige	Beige	Sand Yellow	Signal Yellow	Golden Yellow	Honey Yellow	Maize Yellow	Daffodil Yellow	Brown Beige	Lemon Yellow	Oyster white	Ivory	Light Ivory	Sulfur Yellow	Saffron Yellow	Zinc Yellow	Grey Beige	Olive Yellow	Colza Yellow

1023	1024	1026	1027	1028	1032	1033	1034	1035	1036	1037
Traffic Yellow	Ochre Yellow	Luminous Yellow	Curry	Melon Yellow	Broom Yellow	Dahlia Yellow	Pastel Yellow	Pearl Beige	Pearl Gold	Sun Yellow

2000

2000	2001	2002	2003	2004	2005	2007	2008	2009	2010	2011	2012	2013
Yellow Orange	Red Orange	Vermilion	Pastel Orange	Pure Orange	Luminous Orange	Luminous Bright Orange	Bright Red Orange	Trafiic Orange	Signal Orange	Deep Orange	Salmon Orange	Pearl Orange

3000

3000	3001	3002	3003	3004	3005	3007	3009	3011	3012	3013	3014	3015	3016	3017
Flame Red	Signal Red	Carmine Red	Ruby Red	Purple Red	Wine Red	Black Red	Oxide Red	Brown Red	Beige Red	Tomato Red	Antique Pink	Light Pink	Coral Red	Rose

3018	3020	3022	3024	3026	3027	3028	3031	3032	3033
Strawberry Red	Traffic Red	Salmon Pink	Luminous Red	Luminous Bright Red	Raspberry Red	Pure Red	Orient Red	Pearl Ruby Red	Pearl Pink

4000

4001	4002	4003	4004	4005	4006	4007	4008	4009	4010	4011	4012
Red Lilac	Red Violet	Heather Violet	Claret Violet	Blue Lilac	Traffic Purple	Purple Violet	Signal Violet	Pastel Violet	Telema-genta	Pearl Violet	Pearl Blakberry

5000

5000	5001	5002	5003	5004	5005	5007	5008	5009	5010	5011	5012	5013	5014	5015	5017	5018	5019	5020
Violet Blue	Green Blue	Ultramarine Blue	Saphire Blue	Black Blue	Signal Blue	Brilliant Blue	Grey Blue	Azure Blue	Gentian Blue	Steel Blue	Light Blue	Cobalt Blue	Pigeon Blue	Sky Blue	Traffic Blue	Turquoise Blue	Capri Blue	Ocean Blue

5021	5022	5023	5024	5025	5026
Water Blue	Night Blue	Distant Blue	Pastel Blue	Pearl Gentian Blue	Pearl Night Blue

6000

6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012	6013	6014	6015	6016	6017	6018
Patina Green	Emerald green	Leaf Green	Olive Green	Blue Green	Moss Green	Grey Olive	Bottle Green	Brown Green	Fir Green	Grass Green	Reseda Green	Black Green	Reed Green	Yellow Olive	Black Olive	Turquoise Green	May Green	Yellow Green

6019	6020	6021	6022	6024	6025	6026	6027	6028	6029	6032	6033	6034	6035	6036	6037	6038
Pastel Green	Chrome Green	Pale Green	Olive Drab	Traffic Green	Fern Green	Opal Green	Light Green	Pine Green	Mint Green	Signal Green	Mint Touquoise	Pastel Touquoise	Pearl Green	Pearl Opal Green	Pure Green	Luminous Green

7000

7000	7001	7002	7003	7004	7005	7006	7008	7009	7010	7011	7012	7013	7015	7016	7021	7022	7023	7024
Squirrel Grey	Silver Grey	Olive Grey	Moss Grey	Signal Grey	Mouse Grey	Beige Grey	Khaki Grey	Green Grey	Tarpaulin Grey	Iron Grey	Basalt Grey	Brown Grey	Slate Grey	Anthracite Grey	Black Grey	Umbra Grey	Concrete Grey	Graphite Grey

7026	7030	7031	7032	7033	7034	7035	7036	7037	7038	7039	7040	7042	7043	7044	7045	7046	7047	7048
Granite Grey	Stone Grey	Blue Grey	Pebble Grey	Cement Grey	Yellow Grey	Light Grey	Platinum Grey	Dusty Grey	Agate Grey	Quartz Grey	Window Grey	Traffic Grey A	Traffic Grey B	Silk Grey	Telegrey 1	Telegrey 2	Telegrey 4	Pearl Mouse Grey

8000

8000	8001	8002	8003	8004	8007	8008	8011	8012	8014	8015	8016	8017	8019	8022	8023	8024	8025	8028
Green Brown	Ochre Brown	Signal Brown	Clay Brown	Copper Brown	Fawn Brown	Olive Brown	Nut Brown	Red Brown	Sepia Brown	Chestnut Brown	Mahogany Brown	Chocolate Brown	Grey Brown	Black Brown	Orange Brown	Beige Brown	Pale Brown	Terra Brown

8029

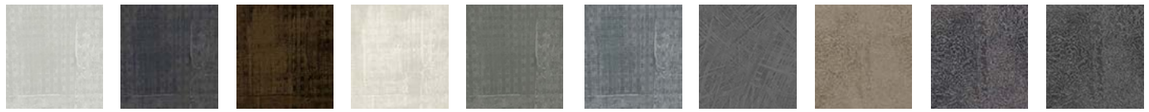
9000

9001	9002	9003	9004	9005	9006	9007	9010	9011	9016	9017	9018	9022	9023
Cream	Grey White	Signal White	Signal Black	Jet Black	White Aluminum	Grey Aluminum	Pure White	Graphite Black	Traffic White	Traffic Black	Papyrus White	Pearl Light Grey	Pearl Dark Grey

MODERN CONTEMPORARY COLOR CHART

Our vinyl color palette offers a broad range of finishes, from realistic wood grain textures to clean, solid tones, giving homeowners the freedom to match any exterior style. Wood-inspired options like Aspen Latte, Green Teak, and Mocha Walnut bring warmth and natural character to a fence line, while Chai Gray and Dark Gray offer richer, more contemporary alternatives. For a more traditional or minimalist look, solid shades like Tan, Lite Gray, and classic White provide timeless versatility that complements virtually any home.

FOCUS



Brooklyn Aluminium | Brooklyn Antracite | Brooklyn Bronze | Brooklyn Classic | Brooklyn Luna | Brooklyn Steel | Chester Grey | Tribeca Gold | Tribeca Iron | Tribeca Zinc

LUMENS

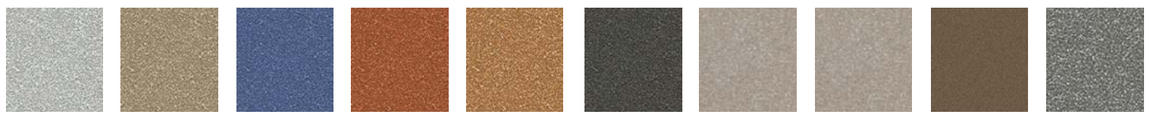


Athens White | China Gold | Iceland Grey | Italian Greige | London Grey | Metropolis Black | New York Grey | Oceania Blue | Olive Green | Paris Silver



Persian Copper | Roman Bronze | Siberian Platinum

METALLICS

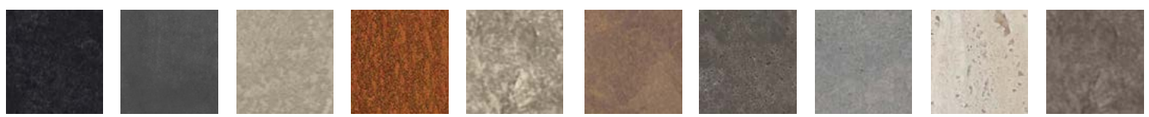


Aluminum Grey | Amber | Azurite Blue | Copper Red | Copper Yellow | Graphite Grey | Titanium Bronze | Titanium Silver | Urban Brown | Urban Grey

NATURALS



Belgium Bluestone | Bianco Travertine | Casted Grey | Forged Alloy | Hardened Brown | Indian Terra Cotta | Italian Slate | Lava Stone | Mineral Concrete | Natural Chalkstone



Natural Graphite | Natural Slate | Pearl Stone | Rusted Brown | Silver Quartzite | Sintered Alloy | Storm Concrete | Tempered Grey | Tivoli Travertine | Weathered Basalt

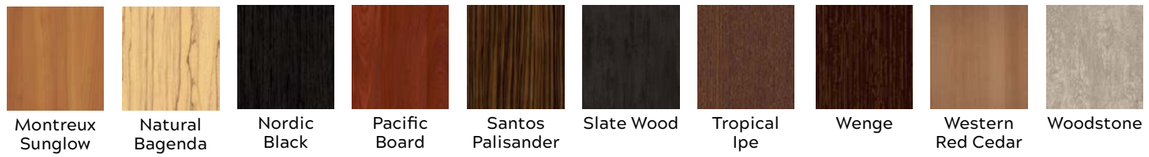
WOOD DECORS



Core Ash | Country Wood | Dark Mahogany | Denver Oak | Elegant Oak | English Cherry | French Walnut | Greyed Cedar



Halmstad | Harmony Oak | Hesbania | Italian Walnut | Light Mahogany | Loft Brown | Milano Grigio | Milano Sabbia | Milano Terra | Montreux Amber



Montreux Sunglow | Natural Bagenda | Nordic Black | Pacific Board | Santos Palisander | Slate Wood | Tropical Ipe | Wenge | Western Red Cedar | Woodstone

UNI COLORS



Pure White | White | Papyrus White | Cream White | Pearl Yellow | Pale Yellow | Sand | Stone Beige | Mid Beige | Winter Grey



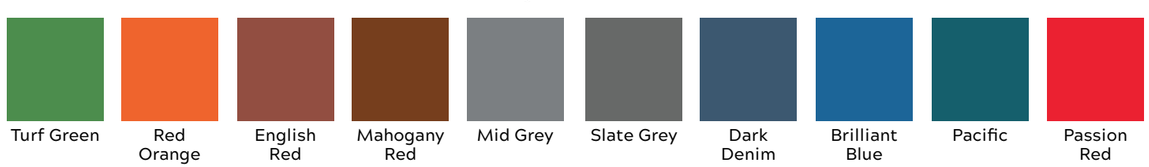
Pastel Grey | Silver Grey | Spring Green | Champagne | Sun Yellow | Salmon | Stone Grey | Bluish Grey | Translucent Green | Verdigris



Cactus Green | Mojito Green | Zinc Yellow | Ochre | Taupe | Natural Greige | Ocean Grey | Aquamarine | Mineral Blue | Mid Green



Lime Green | Gold Yellow | Terra Cotta | Rusty Red | Toscana Greige | Steel Blue | Lavendar Blue | Powder Blue | Royal Blue | Brilliant Green



Turf Green | Red Orange | English Red | Mahogany Red | Mid Grey | Slate Grey | Dark Denim | Brilliant Blue | Pacific | Passion Red

UNI COLORS (CONT.)



FOCUS

Colour code	Colour name	Diffuse	
C08.03	Brooklyn Classic	■	■
C08.21	Brooklyn Luna	■	■
C08.25	Brooklyn Antracite	■	■
C01.21	Chester Grey	■	■

Colour code	Colour name	Diffuse	
With metallic effect			
CM03.06	Tribeca Gold	■	■
CM03.16	Tribeca Iron	■	■
CM03.24	Tribeca Zinc	■	■
CM09.03	Brooklyn Steel	■	■
CM09.06	Brooklyn Bronze	■	■
CM09.51	Brooklyn Aluminium	■	■

TRESPA® METEON® FOCUS PANELS FEATURE A DIRECTIONAL COLOURED SURFACE.

LUMEN

Colour code	Colour name	Diffuse			Oblique			Specular		
L0500	Athens White	■	■	■	■	■	■	■	■	■
L0651	Italian Greige	■	■	■						
L1971	Iceland Grey	■	■	■						
L2151	London Grey	■	■	■	■	■	■	■	■	■
L2264	Oceania Blue	■	■	■						
L2581	New York Grey	■	■	■	■	■	■	■	■	■
L3673	Olive Green	■	■	■						
L9000	Metropolis Black	■	■	■	■	■	■	■	■	■
With metallic effect										
LM0561	Roman Bronze	■	■	■	■	■	■			
LM0641	China Gold	■	■	■	■	■	■			
LM1055	Persian Copper	■	■	■	■	■	■			
LM2181	Siberian Platinum	■	■	■	■	■	■			
LM5101	Paris Silver	■	■	■	■	■	■			

TRESPA® METEON® LUMEN DIFFUSE, LUMEN OBLIQUE AND ALL LUMEN WITH METALLIC EFFECT (PRODUCTS WITH LM CODE) FEATURE A DIRECTIONAL COLOURED SURFACE.
* WITH SATIN REVERSE.

METALLICS

Colour code	Colour name	Satin			Rock*		
M04.4.1	Titanium Silver	■	■	■	■	■	■
M05.5.1	Titanium Bronze	■	■	■	■	■	■
M05.6.1	Urban Brown	■	■	■	■	■	■
M06.4.1	Amber	■	■	■	■	■	■
M21.3.4	Azurite Blue	■	■	■	■	■	■
M21.8.1	Graphite Grey	■	■	■	■	■	■
M51.0.1	Aluminium Grey	■	■	■	■	■	■
M51.0.2	Urban Grey	■	■	■	■	■	■
M53.0.1	Copper Red	■	■	■	■	■	■
M53.0.2	Copper Yellow	■	■	■	■	■	■

TRESPA® METEON® METALLICS PANELS FEATURE A DIRECTIONAL COLOURED SURFACE. * WITH SATIN REVERSE.

TYPES

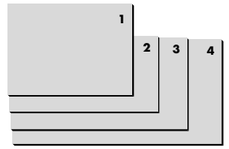
SINGLE SIDED DECORATIVE DECORATIVE SIDE WITH NON DECORATIVE BLACK REVERSE

DOUBLE SIDED DECORATIVE SAME COLOUR FOR FRONT AND REVERSE SIDE OF THE PANEL

VARITOP DECORATIVE SIDE WITH STANDARD WHITE DECORATIVE SATIN REVERSE (A03.0.0)

DUOCOLOUR DIFFERENT COLOUR FOR FRONT AND REVERSE SIDE OF THE PANEL

SIZES



1 2550 x 1860 mm (100 x 73 inch)
2 3050 x 1530 mm (120 x 60 inch)
3 3650 x 1860 mm (143 x 73 inch)
4 4270 x 2130 mm (168 x 83 inch)*

* THE LARGE SIZE OF THIS PANEL ALLOWS AN EFFICIENT MACHINING OF THE PRODUCT.

THICKNESSES



6 mm (1/4 inch)
8 mm (5/16 inch)
10 mm (3/8 inch)
13 mm (1/2 inch)

NOTE

PLEASE BE AWARE THAT NOT ALL PRODUCT-FINISH COMBINATIONS ARE POSSIBLE. FOR AVAILABLE SHEET SIZES, THICKNESSES AND FINISHES IN YOUR COUNTRY, PLEASE CHECK **TRESPA.INFO** FOR THE DETAILED AND UP TO DATE DELIVERY PROGRAMME AND MATERIAL PROPERTY DATASHEET. ALTERNATIVELY YOU CAN USE THE PRODUCT SELECTOR ON **TRESPA.COM** (AFTER CHOOSING THE COUNTRY WHERE THE PROJECT IS LOCATED).

NATURALS

Colour code	Colour name	Matt				Matt-Rock*	
NA12	Natural Chalkstone	■	■	■	■	■	■
NA13	Silver Quartzite	■	■	■	■	■	■
NA14	Weathered Basalt	■	■	■	■	■	■
NA15	Indian Terra Cotta	■	■	■	■	■	■
NA16	Belgian Bluestone	■	■	■	■	■	■
NA17	Natural Graphite	■	■	■	■	■	■
NA18	Natural Slate	■	■	■	■	■	■
NA19	Italian Slate	■	■	■	■	■	■
With metallic effect							
NM01	Rusted Brown	■	■	■	■		
NM02**	Forged Alloy	■	■	■	■		
NM04**	Sintered Alloy	■	■	■	■		
NM05**	Hardened Brown	■	■	■	■		
NM06**	Tempered Grey	■	■	■	■		
NM07**	Casted Grey	■	■	■	■		
NM08**	Crafted White	■	■	■	■		

TRESPA® METEON® NATURALS PANELS FEATURE A DIRECTIONAL COLOURED SURFACE.
* WITH SATIN REVERSE.
** DECORS HAVE GLOSS ELEMENTS IN THE SURFACE.

WOOD DECORS

Colour code	Colour name	Satin				Matt			
NW02	Elegant Oak	■	■	■	■	■	■	■	■
NW03	Harmony Oak	■	■	■	■				
NW04	Pacific Board	■	■	■	■	■	■	■	■
NW05	Loft Brown	■	■	■	■	■	■	■	■
NW06	Montreux Amber	■	■	■	■				
NW07	Montreux Sunglow	■	■	■	■				
NW08	Italian Walnut	■	■	■	■	■	■	■	■
NW09	Wenge	■	■	■	■	■	■	■	■
NW10	English Cherry	■	■	■	■				
NW11	Santos Palisander	■	■	■	■				
NW12	Natural Bagenda	■	■	■	■				
NW13	Country Wood	■	■	■	■				
NW14	French Walnut	■	■	■	■	■	■	■	■
NW15	Milano Sabbia	■	■	■	■				
NW16	Milano Terra	■	■	■	■	■	■	■	■
NW17	Milano Grigio	■	■	■	■	■	■	■	■
NW18	Light Mahogany	■	■	■	■				
NW19	Dark Mahogany	■	■	■	■				
NW22	Slate Wood	■	■	■	■	■	■	■	■
NW23	Nordic Black	■	■	■	■	■	■	■	■
NW24	Greyed Cedar					■	■	■	■
NW25	Hesbania					■	■	■	■
NW26	Core Ash					■	■	■	■
NW27	Denver Oak					■	■	■	■
NW28	Halmstad					■	■	■	■
NW29	Woodstone					■	■	■	■
NW30	Tropical Ipe					■	■	■	■
NW31	Western Red Cedar					■	■	■	■

TRESPA® METEON® WOOD DECORS PANELS FEATURE A DIRECTIONAL COLOURED SURFACE. THE GRAIN OF TRESPA® METEON® WOOD DECORS RUNS THE LENGTH DIRECTION OF THE PANEL.

UNI COLOURS

Colour code	Colour name	Satin				Rock*		
A03.0.0	White	■	■			■		
A03.1.0	Pastel Grey	■	■	■	■	■	■	■
A03.4.0	Silver Grey	■	■	■	■	■	■	■
A04.0.0	Cream White	■	■	■	■	■	■	■
A04.0.1	Pearl Yellow	■	■	■	■	■	■	■
A04.0.2	Pale Yellow	■	■	■	■	■	■	■
A04.0.5	Zinc Yellow	■	■	■	■	■	■	■
A04.1.7	Gold Yellow	■	■	■	■	■	■	■
A05.0.0	Pure White	■	■	■	■	■	■	■
A05.1.0	Papyrus White	■	■	■	■	■	■	■
A05.1.1	Stone Beige	■	■	■	■	■	■	■
A05.1.2	Champagne	■	■	■	■	■	■	■
A05.1.4	Sun Yellow	■	■	■	■	■	■	■
A05.5.0	Quartz Grey	■	■	■	■	■	■	■
A06.3.5	Ochre	■	■	■	■	■	■	■
A06.5.1	Toscana Greige	■	■	■	■	■	■	■
A06.7.1	Natural Greige	■	■	■	■	■	■	■
A07.1.1	Sand	■	■	■	■	■	■	■
A08.2.1	Mid Beige	■	■	■	■	■	■	■
A08.2.3	Salmon	■	■	■	■	■	■	■
A08.3.1	Stone Grey	■	■	■	■	■	■	■
A08.4.5	Rusty Red	■	■	■	■	■	■	■
A08.8.1	Dark Brown	■	■	■	■	■	■	■
A09.6.4	Mahogany Red	■	■	■	■	■	■	■
A10.1.8	Red Orange	■	■	■	■	■	■	■
A10.3.4	Terra Cotta	■	■	■	■	■	■	■
A10.4.5	Sienna Brown	■	■	■	■	■	■	■
A10.6.1	Taupe	■	■	■	■	■	■	■
A11.4.4	English Red	■	■	■	■	■	■	■
A11.8.0	Ceramic Greige	■	■	■	■	■	■	■
A12.1.8	Passion Red	■	■	■	■	■	■	■
A12.2.5	Motion Red	■	■	■	■	■	■	■
A12.3.7	Carmine Red	■	■	■	■	■	■	■
A12.4.5	East Red	■	■	■	■	■	■	■
A12.6.3	Wine Red	■	■	■	■	■	■	■
A14.7.2	Deep Red Brown	■	■	■	■	■	■	■
A17.3.5	Cyclam	■	■	■	■	■	■	■
A19.7.1	Charcoal Grey	■	■	■	■	■	■	■
A20.5.2	Lavender Blue	■	■	■	■	■	■	■
A20.7.2	Dark Blue	■	■	■	■	■	■	■
A21.1.0	Winter Grey	■	■	■	■	■	■	■
A21.5.1	Mid Grey	■	■	■	■	■	■	■
A21.5.4	Cobalt Blue	■	■	■	■	■	■	■
A21.7.0	Steel Grey	■	■	■	■	■	■	■
A22.1.6	Royal Blue	■	■	■	■	■	■	■
A22.2.1	Bluish Grey	■	■	■	■	■	■	■
A22.2.4	Powder Blue	■	■	■	■	■	■	■
A22.3.1	Ocean Grey	■	■	■	■	■	■	■
A22.4.4	Brilliant Blue	■	■	■	■	■	■	■
A22.6.2	Dark Denim	■	■	■	■	■	■	■
A23.0.4	Mineral Blue	■	■	■	■	■	■	■
A24.4.1	Steel Blue	■	■	■	■	■	■	■
A25.8.1	Anthracite Grey	■	■	■	■	■	■	■
A26.5.4	Pacific	■	■	■	■	■	■	■
A28.2.1	Aquamarine	■	■	■	■	■	■	■
A28.6.2	Mid Green	■	■	■	■	■	■	■
A30.3.2	Verdigris	■	■	■	■	■	■	■
A31.4.1	Zinc Grey	■	■	■	■	■	■	■
A32.2.1	Translucent Green	■	■	■	■	■	■	■
A32.7.2	Dark Green	■	■	■	■	■	■	■
A33.3.6	Brilliant Green	■	■	■	■	■	■	■
A34.8.1	Forest Green	■	■	■	■	■	■	■
A35.4.0	Cactus Green	■	■	■	■	■	■	■
A36.3.5	Turf Green	■	■			■		
A37.0.8	Lime Green	■	■	■	■	■	■	■
A37.2.3	Spring Green	■	■	■	■	■	■	■
A41.0.6	Mojito Green	■	■	■	■	■	■	■
A70.0.0	Slate Grey	■	■	■	■	■	■	■
A90.0.0	Black	■	■	■	■	■	■	■

* WITH SATIN REVERSE.

MODERN TEXTURED COLOR CHART

From brick and wood to stone, slate, metal, and bamboo, our faux wall panels deliver the natural beauty of authentic materials without the weight, cost, or complexity. Each collection is designed to be lightweight, durable, and easy to install – perfect for both DIY enthusiasts and professional projects, indoors or out. Whether you're transforming a retail space, building a backyard tiki bar, or remodeling a room, our versatile panel lines offer an affordable, low-maintenance way to bring texture and character to any space.

BRICK

FAUX ANTIQUE BRICK



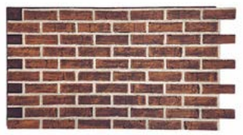
Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red Grey, Dark Red, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick Grey, Sandstone, Silver Grey, Tan, White Wash, White

FAUX CONTEMPORARY



Baked Clay, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Tan, White, White Wash

FAUX HISTORIC BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Silver Grey, Tan, White Wash, White

FAUX LINCOLN BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red Grey, Dark Red, Grey Frost, Natural Grey, Natural Tan, Old World, Pioneer Tan, Red Brick Grey, Sandstone, Silver Grey, Tan, White Wash, White

FAUX MODERN BRICK



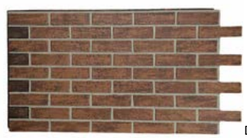
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FAUX RUSTIC BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Silver Grey, Tan, White

FAUX SMOOTH BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick Grey, Sandstone, Silver Grey, Tan, White, White Wash

FAUX TRI-STATE BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Silver Grey, Tan, White, White Wash

FAUX TUMBLED BRICK



Baked Clay, Black, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Silver Grey, Tan, White, White Washed

FAUX WORN BRICK



Baked Clay, Burnt Orange, Colonial Tan, Cream, Dark Red, Dark Red Grey, Grey Frost, Natural Grey, Old World, Pioneer Tan, Primed, Red Brick, Sandstone, Silver Grey, Tan, White, White Wash

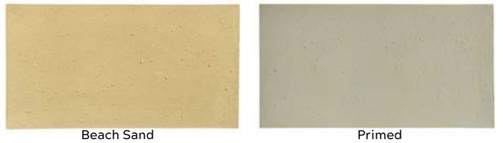
CONCRETE

ASPHALT PANELS



Black, Primed

BEACH SAND FAUX WALL



Beach Sand, Primed

CINDER BLOCK FAUX WALL



Natural Grey, Primed, White

CONCRETE ROUGH FAUX WALL



Black, Natural Grey, Primed, Silver Grey

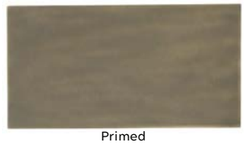
CONCRETE (CONT.)

CONCRETE SMOOTH FAUX WALL



Black


Natural Grey

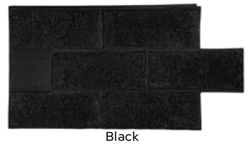

Primed



Silver Grey

White

SPLIT FACE BLOCK FAUX WALL


Black


Natural Grey

Primed

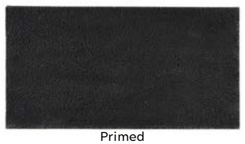

Silver Grey

White

STONE

ASPHALT PANELS


Black


Primed

FAUX APPALACHIAN STONE




Black


Cream Frost


Grey


Light Grey


Light Tan


Natural Grey


Natural Tan


Pioneer Tan


Primed


Rose Frost


Silver Grey


Tan


Tan Grey

White

FAUX CAROLINA STONE




Black


Cream Frost


Grey


Light Grey


Light Tan


Natural Grey


Pioneer Tan


Primed


Rose Frost


Tan

White

FAUX CARVED STONE



Black

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Primed

Rose Frost

Tan

Tan Grey

White

FAUX CASTLE STONE

Grey

Light Grey

Natural Grey

Primed

Silver Grey

White

FAUX CLIFF STONE

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Rose Frost

Tan

FAUX CUT GRANITE

Black

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Primed

Rose Frost

Silver Frost

Tan

Tan Grey

FAUX GARDEN STONE

Black

Natural Grey

Primed

White

FAUX LEDGESTONE

Black

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Primed

Rose Frost

Sandstone

Tan

Tan Grey

White

FAUX CINDER BLOCK

Natural Grey

Primed

White

FAUX CORAL BLOCK

Cream Frost

Light Tan

Primed

Rose Frost

White

FAUX FIELDSTONE

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Primed

Rose Frost

Tan

White

FAUX HAND CUT BLOCK

Black

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Pioneer Tan

Primed

Rose Frost

Tan

Tan Grey

FAUX QUARRY STONE

Black

Cream Frost

Grey

Light Grey

Light Tan

Natural Grey

Natural Tan

Pioneer Tan

Primed

Rose Frost

Silver Grey

Tan Grey

White

CONCRETE (CONT.)

FAUX RANDOM ROCK



Black, Burnt Orange, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, Tan Grey, White

FAUX STACKED STONE



Black, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, Tan Grey, White

FAUX DRY STACKED



Black, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, Tan Grey, White

FAUX STONEWALL



Black, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Silver Grey, Tan, Tan Grey, White

GIANT FAUX RIVER ROCK



Black, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, Tan Grey, White

LARGE FAUX RIVERSTONE



Black, Cream Frost, Grey, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, Tan Grey, White

SMALL FAUX RIVERSTONE



Light Tan, Natural Tan, Primed, Tan, White, Natural Grey

FAUX SPLIT FACE BLOCK



Black, Natural Grey, Primed, Silver Grey, White

STANDARD BEACH SAND



Beach Sand



Primed

STANDARD FAUX NATURAL



Grey, Light Grey, Light Tan, Natural Grey, Primed, Tan

STONE CONTEMPORARY



Black, Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Pioneer Tan, Primed, Rose Frost, Tan, White

FIT FAUX STONEWALL



Cream Frost, Grey, Light Grey, Light Tan, Natural Grey, Primed, Rose Frost, Tan, Tan Grey, White

LARGE FAUX RIVERSTONE



Cream Frost, Grey, Light Grey, Natural Grey, Natural Tan, Primed, Rose Frost, Tan, Tan Grey, White

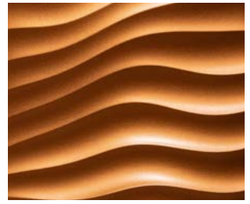
ART DIFFUSION

BIO



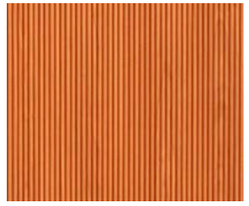
BIO-5, Bio-6F, Bio-8, Bio-8F

COU



COU-001X2, COU-002, COU001, COU002X2

BEED



SOU



SUBLIMATION FINISHES

At first glance, it seems almost impossible: a panel that looks exactly like natural wood grain, weathered stone, or rustic corten steel, yet performs like industrial-grade aluminum built to withstand decades outdoors. The secret isn't paint, and it isn't a printed sticker or laminate that will eventually peel, fade, or bubble in the sun. It's a specialized manufacturing process called sublimation over powder coat, a technique that fuses photorealistic pattern with real, lasting protection at a molecular level.

Rather than applying a finish on top of the panel, this process infuses the pattern directly into the coating itself. The result is a surface that carries the authentic texture and color of natural materials while retaining the strength, weather resistance, and longevity that only powder-coated aluminum can offer. Below, we show the finish options and break down exactly how it's done, from raw aluminum prep to the final infused finish.

METAL



Brushed 1 | Brushed 2 | Corten | Galvenized | Steel

STONE



Concrete | Dark | Granite | Light | Marble | Travertine

WOOD



American Douglas | Golden Oak | Knotty Pine | Mediterranean Cherry | National Walnut | Teak

How Do We Create Such Beautiful and Durable Finishes?

The Process

Sublimation over powder coat process. Used for woodgrain, metal or stone finishes on our panels.

Here's how we do it:

Aluminum Surface Prep

The raw aluminum is cleaned and prepped:

- Degreasing (remove oils, contaminants)
- Chemical etching or conversion coating (improves adhesion and corrosion resistance)

Base Powder Coating (This step is critical for long-term outdoor durability)

A powder coat layer is applied and cured:

- Typically a light base color (beige, tan, gray) depending on the final pattern
- Electrostatic powder application
- Oven cure (usually ~350-400°F

Printed Transfer Film Preparation
(This base coat becomes the layer that will accept the sublimation pattern.)

Using a special printed film

- The wood/stone/metal pattern is printed with sublimation ink onto a heat-stable plastic film
- Patterns are engineered to:
  - Repeat seamlessly
  - Align across panels if needed

Wrapping the Panel

Now the panel is physically wrapped:

- The printed film is placed around the aluminum panel (pattern facing inward)
- Edges are taped or sealed
- The panel + film assembly is inserted into a vacuum bag (or membrane system)

Vacuum Sealing

- Air is evacuated from the bag
- Atmospheric pressure force the film tightly against every surface

This ensures:

- No air gaps
- Sharp pattern transfer
- Full contact even on textured or extruded shapes

Heat Transfer (Sublimation Phase)

- The sealed assembly goes into an oven
- Heat activates the ink (typically ~350–400°F again)
- The ink sublimates (solid → gas) and penetrates the softened powder coat

The pattern is not sitting on top—it's infused into the coating layer.

Cooling & Film Removal

- After a set dwell time, the part is removed and cooled
- The vacuum is released
- The film is peeled off and discarded

What remains is:

- A fully transferred pattern embedded in the coating
- No physical film or layer left behind

Final Result

You now have:

- A powder-coated aluminum panel with a permanently infused pattern
- Appearance: wood, stone, corten steel, brushed metal, etc.
- Properties:
  - UV resistant
  - Weather resistant
  - Strong adhesion (won't peel like laminates)
  - Good scratch resistance (limited by powder coat hardness)

Why This Process Is So Effective

- Combines powder coat durability with photorealistic patterns
- Vacuum ensures perfect contact, especially for:
  - Grooved panels
  - Extrusions
  - Complex fence profiles





PalmSHIELD

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