



PRODUCT

CATALOG



531-325-8080 EXT 2

www.palmshieldlouvers.com

AKINITOS

PRODUCT LINE

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.

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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.

CRASH RATED SCREENS

Links to all color options available

[Color Options 1](#) • [Color Options 2](#) • [Color Options 3](#)

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

Available Colors



Louvered Infill

ALUMINUM LOUVERED

Available Colors



Louvered Infill

COMPOSITE LOUVERED

Available Colors



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 3/4" 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

CRASH RATED

Louvered Infill

VINYL LOUVER

Available Colors



Louvered Infill

DIAGONAL LOUVER

Available Colors



CRASH RATED SCREENS

AKINITOS PRODUCT LINE



CRASH RATED

Louvered Infill

VERTICAL LOUVER

Available Colors



Semi-Private Infill

ALUMINUM SEMI-PRIVATE

Available Colors



Semi-Private Infill

COMPOSITE SEMI-PRIVATE

Available Colors



Semi-Private Infill

VINYL SEMI-PRIVATE

Available Colors



Alternating Infill

ALUMINUM ALTERNATING

Available Colors



Alternating Infill

VINYL ALTERNATING

Available Colors



Solid Infill

ALUMINUM SOLID

Available Colors



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

CRASH RATED SCREENS

AKINITOS PRODUCT LINE



Solid Infill

COMPOSITE SOLID

Available Colors



Staggered Infill

COMPOSITE STAGGERED

Available Colors



Staggered Infill

VINYL STAGGERED

Available Colors



Solid Infill

VINYL SOLID

Available Colors



Staggered Infill

ALUMINUM STAGGERED

Available Colors



Laser Cut Infill

ARTISTIC

Available Colors



Laser Cut Infill

SYMBOL

Available Colors



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

CRASH RATED SCREENS

AKINITOS PRODUCT LINE



Laser Cut Infill

BACKLIT

Available Colors



Laser Cut Infill

TRANSLUCENT

Available Colors



Laser Cut Infill

OPAQUE

Available Colors



Open Infill

PERFORATED

Available Colors



Open Infill

WIRE MESH

Available Colors



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.



ELITE

PRODUCT LINE



PalmSHIELD GROUND SCREENS

After almost twenty years, **PalmSHIELD** has redesigned their panel framework and column profiles, providing considerable enhancements. From custom infill materials to a variety of finishes, we've got you covered. Whether your project requires a modern aesthetic or a blend with natural surroundings, **PalmSHIELD** Elite delivers unmatched versatility.



DUAL SIDED

For a sharp, clean finish



POST FLEXIBILITY

No additional fasteners required



VARIANCE FORGIVING

Adjustable seam width



SLOPE ADAPTABILITY

Integration for every installation



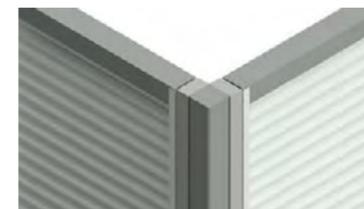
COMPRESSION STRENGTH

Easily adjustable panels



FASTER INSTALLATION

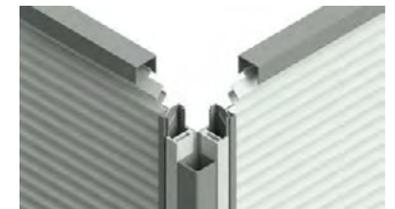
Detachable locking flange



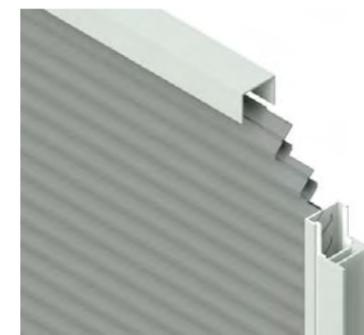
Corner Post
Exterior Assembled View



Connection Detail
Connection Detail - Interior View



Corner Post
Interior Cut Away View



Corner Post
Interior Cut Away View



Post
Panel Post - Exploded - Interior View



Panel
Exploded View

GROUND SCREENS

ELITE PRODUCT LINE

From custom infill options to a wide range of finishes, PalmSHIELD Elite offers the versatility to fit any project—whether modern or naturally inspired.



Louvered Infill

ALUMINUM LOUVERED BLADE

Available Colors



Louvered Infill

ALUMINUM LOUVERED

Available Colors



Louvered Infill

COMPOSITE LOUVERED

Available Colors



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 3/4" 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.



Louvered Infill

VINYL LOUVER

Available Colors



Louvered Infill

DIAGONAL LOUVER

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE



GROUND



Louvered Infill

VERTICAL LOUVER

Available Colors



Semi-Private Infill

ALUMINUM SEMI-PRIVATE

Available Colors



Semi-Private Infill

COMPOSITE SEMI-PRIVATE

Available Colors



Semi-Private Infill

VINYL SEMI-PRIVATE

Available Colors



Alternating Infill

ALUMINUM ALTERNATING

Available Colors



Alternating Infill

VINYL ALTERNATING

Available Colors



Solid Infill

ALUMINUM SOLID

Available Colors



Explore the cutting-edge features of the PalmSHIELD Elite framework. Crafted to deliver the ultimate blend of strength, versatility, and contemporary design for any screening application.

GROUND SCREENS

ELITE PRODUCT LINE



GROUND

Solid Infill

COMPOSITE SOLID

Available Colors



Solid Infill

VINYL SOLID

Available Colors



Staggered Infill

ALUMINUM STAGGERED

Available Colors



Staggered Infill

COMPOSITE STAGGERED

Available Colors



Staggered Infill

VINYL STAGGERED

Available Colors



Modern Expanded Metal Infill

CATIVAR

Available Colors



Modern Expanded Metal Infill

DE MODA

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE

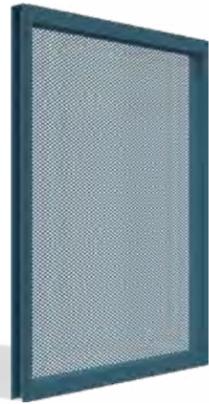


GROUND

Modern Expanded Metal Infill

LUXOS

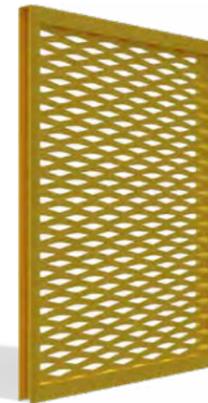
Available Colors



Modern Expanded Metal Infill

APEX03

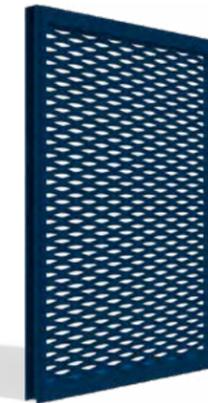
Available Colors



Modern Expanded Metal Infill

APEX04

Available Colors



Modern Expanded Metal Infill

SIRO

Available Colors



Modern Expanded Metal Infill

APEX05

Available Colors



Modern Expanded Metal Infill

BELLESA

Available Colors



Modern Expanded Metal Infill

APEX01

Available Colors

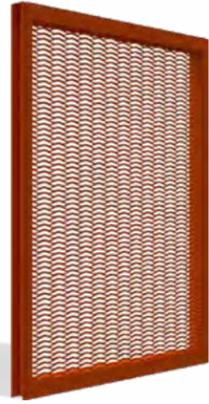


GROUND SCREENS

ELITE PRODUCT LINE



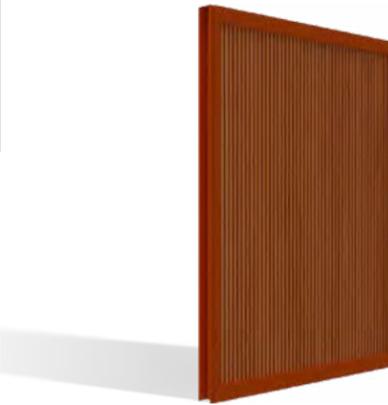
GROUND



Modern Expanded Metal Infill

GARCIA

Available Colors



Modern Textured Infill

BEAD

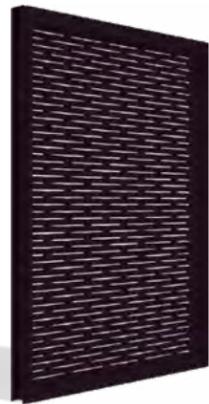
Available Colors



Modern Textured Infill

BIO5

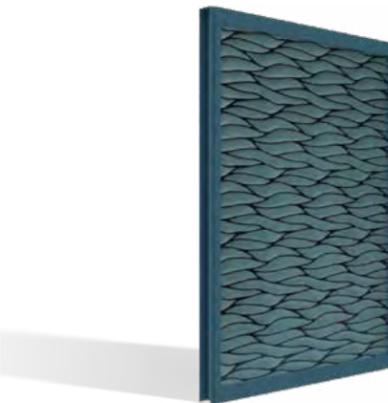
Available Colors



Modern Expanded Metal Infill

MODIG

Available Colors



Modern Textured Infill

BIO6F

Available Colors



Modern Textured Infill

BIO8

Available Colors



Modern Expanded Metal Infill

HINTER

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE



GROUND



Modern Textured Infill

CLK01

Available Colors



Modern Textured Infill

COP-002

Available Colors



Modern Textured Infill

COP-003

Available Colors



Modern Textured Infill

COP-001

Available Colors



Modern Textured Infill

DMD350

Available Colors



Modern Textured Infill

SOU-009

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE



GROUND



Modern Contemporary Infill

FOCUS

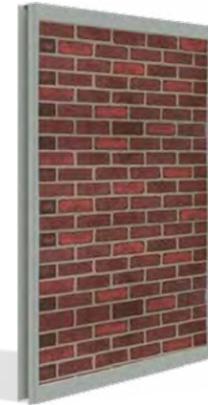
Available Colors



Modern Contemporary Infill

NATURAL

Available Colors



Faux Infill

FAUX BRICK

Available Colors



Modern Contemporary Infill

METALLIC

Available Colors



Faux Infill

FAUX STONE

Available Colors



Faux Infill

FAUX CONCRETE

Available Colors



Modern Contemporary Infill

UNI-COLOUR

Available Colors

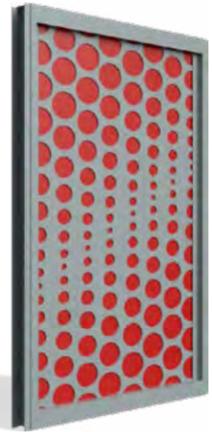


GROUND SCREENS

ELITE PRODUCT LINE



GROUND



Illuminated Laser Cut Infill

OPAQUE LASER CUT

Available Colors



Laser Cut Infill

ORGANIC WAVES

Available Colors



Laser Cut Infill

AUTUMN CASCADE

Available Colors



Illuminated Laser Cut Infill

TRANSLUCENT LASER CUT

Available Colors



Laser Cut Infill

BUBBLE MATRIX

Available Colors



Laser Cut Infill

MOORISH LATTICE

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE



GROUND

Laser Cut Infill

DIGITAL DROPS

Available Colors



Laser Cut Infill

SOUND WAVES

Available Colors



Laser Cut Infill

BAMBOO GROVE

Available Colors



Laser Cut Infill

SCATTERED LIGHT

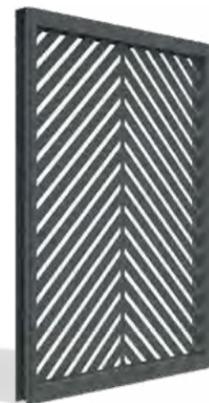
Available Colors



Laser Cut Infill

CHEVRON PEAK

Available Colors



Laser Cut Infill

SYMBOL

Available Colors



Open Infill

CUSTOM ARTISTIC

Available Colors



GROUND SCREENS

ELITE PRODUCT LINE



GROUND



Open Infill

PERFORATED

Available Colors



Open Infill

WIRE MESH

Available Colors



Trellis Infill

ESPALIER SINGLE MESH

Available Colors



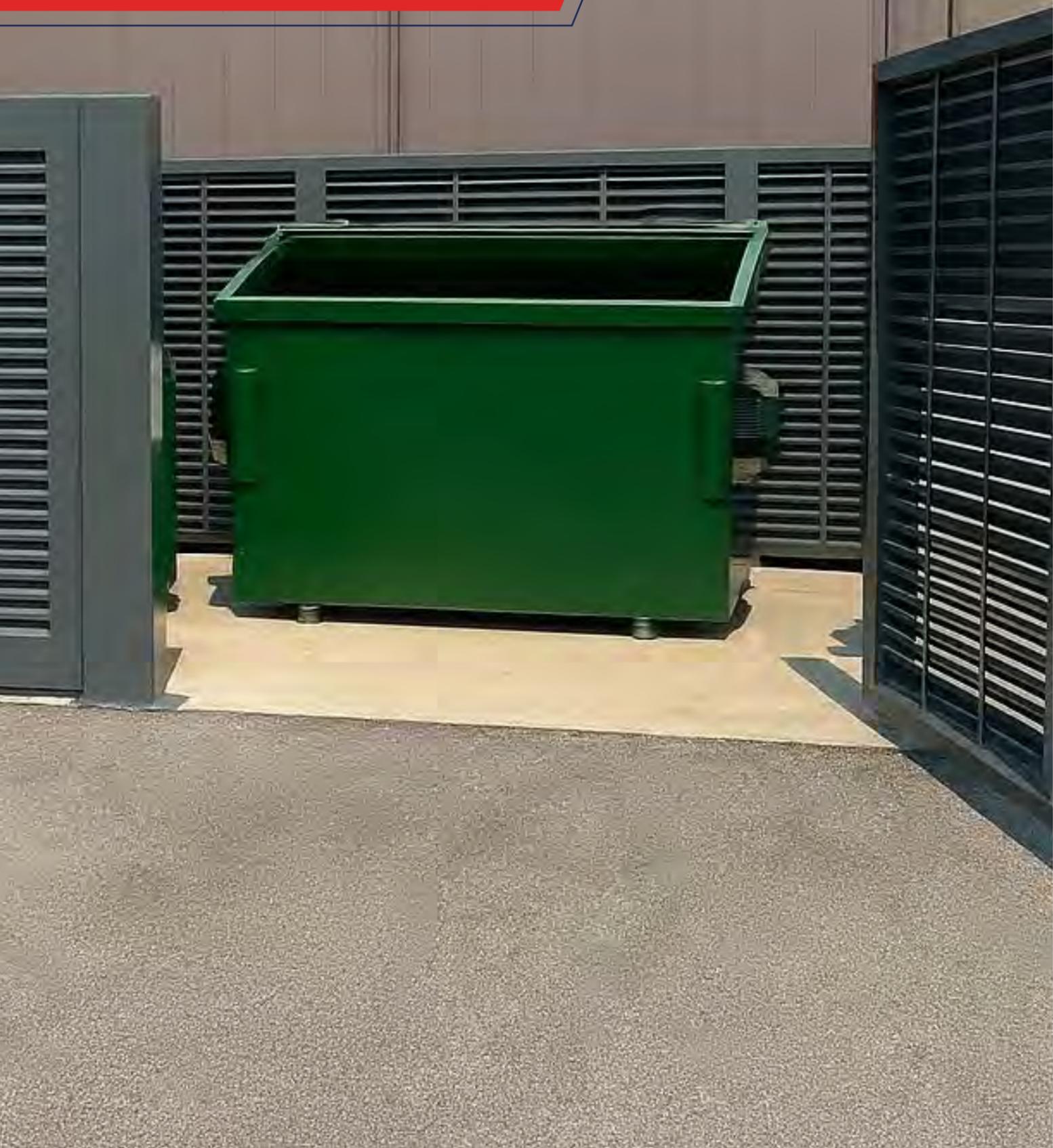
Trellis Infill

ESPALIER DOUBLE MESH

Available Colors



DUMPSTER ENCLOSURE PRODUCT LINE



PalmSHIELD DUMPSTER ENCLOSURE

PalmSHIELD dumpster enclosures combine rugged, code-compliant construction with customizable finishes and styles that integrate seamlessly into any site. Perfect for architects, developers, and facility managers, they deliver lasting performance without sacrificing design.



ARCHITECTURAL INTEGRATION

PalmSHIELD enclosures are designed as true architectural structures—not just fencing.



LOUVERED & SOLID PANEL OPTIONS

Choose from louvered systems for maximum airflow or solid panels for complete concealment.



ENGINEERED STRUCTURAL FRAMING

Engineered to stand independently and withstand wind loads, snow loads, and site-specific conditions



CUSTOM FINISHES & CONFIGURATIONS

Custom powder coatings, panel orientations, and layout configurations tailored to your site's design goals.



CODE COMPLIANT SCREENING

Designed to satisfy municipal code requirements for dumpster and mechanical equipment screening.



LOW MAINTENANCE, HIGH DURABILITY

PalmSHIELD enclosures require minimal upkeep, even in demanding environments.



TAILORED SOLUTIONS

DUMPSTER ENCLOSURE PRODUCT LINE

Rugged structural integrity with architectural-grade aesthetics.



Enclosure

ALUMINUM LOUVERED

Available Colors



Enclosure

ALUMINUM SOLID

Available Colors



Enclosure

COMPOSITE SOLID

Available Colors



DUMPSTER SPECIFICATIONS

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 3/4" plate

Panel

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

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.



Enclosure

VINYL SOLID

Available Colors



Covered

SINGLE BAY

Available Colors



Covered

DOUBLE BAY

Available Colors



Covered

TRIPLE BAY

Available Colors



FORTE

PRODUCT LINE

PalmSHIELD ROOFTOP SCREENS

PalmSHIELD's Forte Rooftop Screening is the ultimate engineered solution for rooftop enclosures. Combining strength, simplicity, and modern design, Forte is built like a fortress, using industry-proven structural profiles. It is engineered to withstand wind speeds of up to 150 mph, ensuring your equipment is protected even in extreme conditions.



INSTALLER-FRIENDLY ASSEMBLY

Minimal parts and a streamlined installation process.



ECONOMIC SOLUTIONS

Utilizes industry-standard panel sizes to keep costs low.



CODE & STANDARD COMPLIANT

Meets all local building codes, including wind and fire resistance requirements.



ENGINEERED FOR DURABILITY

Withstands wind speeds of up to 150 mph.



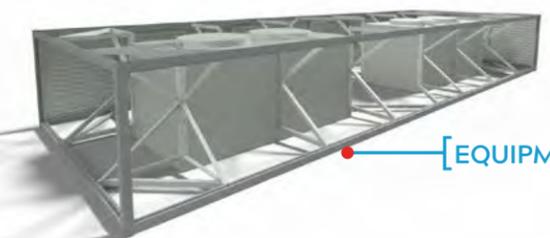
PROJECT SPECIFIC ENGINEERING

Tailored solutions to meet unique project requirements.



NO ROOFTOP PENETRATION REQUIRED

Minimal parts and a streamlined installation process.



[EQUIPMENT MOUNTED]



[ROOF MOUNTED]

ROOFTOP

ROOFTOP SCREENS

FORTE PRODUCT LINE

PalmSHIELD Forte is the revolutionary rooftop screen design. Used to obscure and protect RTU equipment, it can be attached either to your rooftop or directly to the equipment itself.

Louvered Infill HORIZONTAL

Available Colors



Louvered Infill DIAGONAL

Available Colors



Solid Infill ALUMINUM

Available Colors



ROOFTOP SCREEN SPECS

WIDTHS & HEIGHTS

Height: Standard heights 48" to 96"
Width: Standard widths 36" to 60"

PANEL COLUMN & FRAMEWORK

Panel Framework: 1-3/8" x 2-1/8" x 1/8" Z channel
Top Channel: 3" x 4" x 1/8" with panel track flanges.

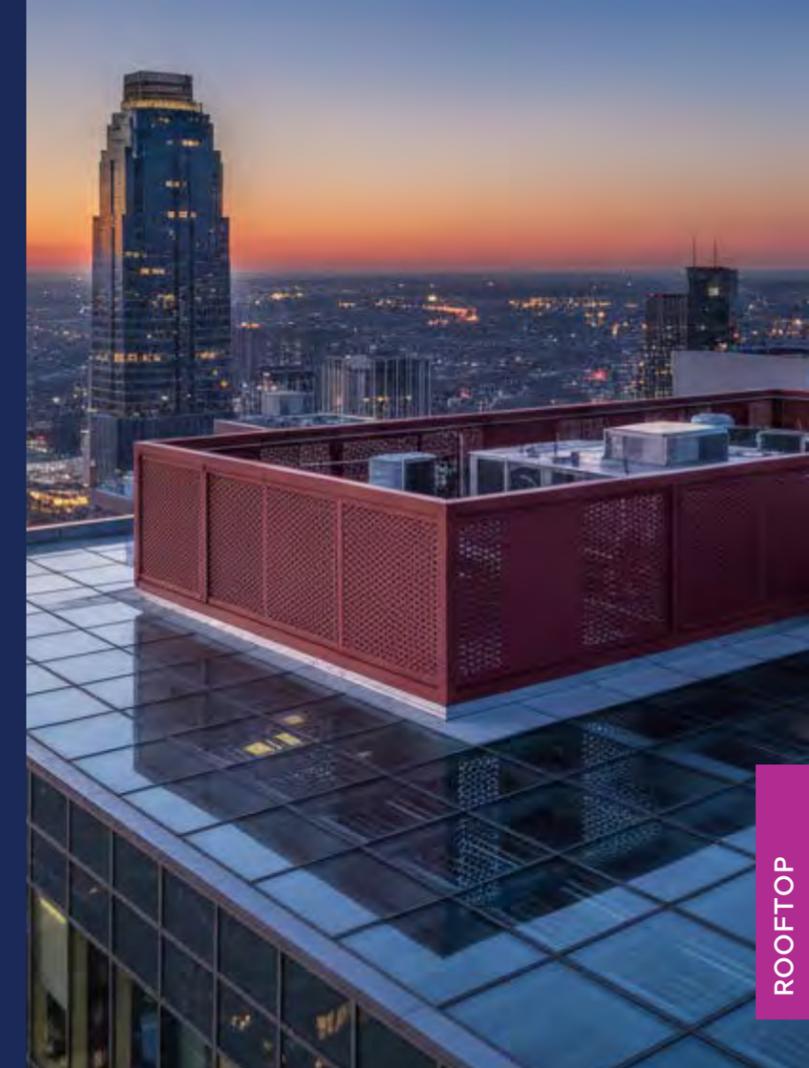
Bottom Channel: 3" x 3 1/2" x 1/8" with panel track flanges.

Corner Vertical Supports: 3" x 3" x 1/4" angle

Intermediate Supports: 2" x 2" x 1/4" angle

Materials: 6063-T6 Aluminum Fittings &

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



ROOFTOP

Solid Infill COMPOSITE

Available Colors



Solid Infill VINYL

Available Colors



ROOFTOP SCREENS

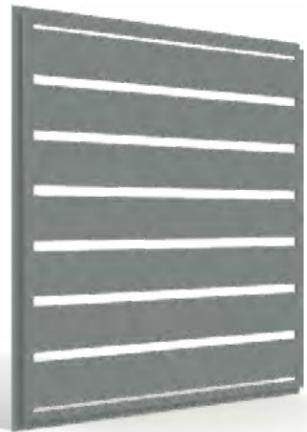
FORTE PRODUCT LINE



Solid Infill

CORRUGATED

Available Colors



Semi-Private Infill

ALUMINUM

Available Colors



Semi-Private Infill

COMPOSITE

Available Colors



ROOFTOP MOUNTED STRUCTURAL ANALYSIS SUMMARY

MEMBER DETAILS

All structural members use 6061-T6 aluminum angle sections:

- M1, M5: L3"x3"x0.25", 72" long
- M2, M6: L3"x3"x0.25", 36" long
- M3, M7: L2.5"x2.5"x0.25", 80.498" long
- M8: L2"x2"x0.25", 6' long (appears in both configurations)

CRITICAL LOAD CASE

All members are governed by Load Case 5: D+0.6W (Dead + 60% Wind Load)

STRUCTURAL PERFORMANCE

Maximum stress ratios (lower is better, must be <1.0):

- Configuration 1: 0.742 (Member M7)
- Configuration 2: 0.776 (Member M3)

Both designs are structurally adequate with all stress ratios below 1.0.

KEY ENGINEERING CHECKS PERFORMED

- Bending stress (primary concern)
- Shear stress
- Deflection limits (all well within L/300+ ratios)
- Buckling analysis using AA ADM1-15 (Aluminum Design Manual)

DESIGN LOADS AND CALCULATIONS

The hand calculations show:

- Wind pressure calculations for 150 mph exposure
- Moment calculations for the T-post configuration
- Member capacity checks against applied loads

PROFESSIONAL CERTIFICATION

The calculations are properly sealed and certified by a licensed Professional Engineer, meeting regulatory requirements for structural design.



Semi-Private Infill

VINYL

Available Colors



Modern Expanded Metal Infill

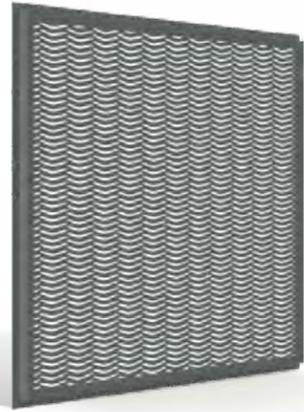
CATIVAR

Available Colors



ROOFTOP SCREENS

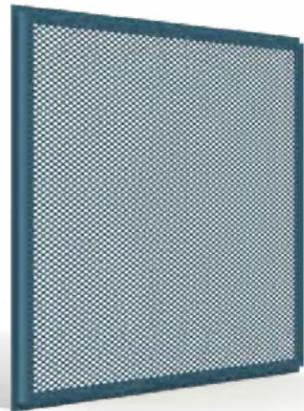
FORTE PRODUCT LINE



Modern Expanded Metal Infill

DE MODA

Available Colors



Modern Expanded Metal Infill

LUXOS

Available Colors



Modern Expanded Metal Infill

SIRO

Available Colors



EQUIPMENT MOUNTED STRUCTURAL ANALYSIS SUMMARY

MEMBER DETAILS

All structural members use 6061-T6 aluminum angle sections:

PRIMARY STRUCTURAL MEMBERS:

- M10: L2"x2"x0.25", 51.614" long
- M11: L2"x2"x0.25", 51.614" long
- M12: L2"x2"x0.25", 42" long
- M13: L2"x2"x0.25", 42" long
- M14: L3"x3"x0.25", 60" long
- M14A: L2"x2"x0.25", 42" long
- M15-M23: Various L2"x2"x0.25" members with different lengths

CRITICAL LOAD CASE

Load Case 5: D+0.6W (Dead + 60% Wind Load) governs all members

-STRUCTURAL PERFORMANCE

Maximum stress ratios (lower is better, must be <1.0):
 M21: 0.686 (highest stress ratio)
 M16: 0.682
 M14: 0.490

- M15, M17: 0.430 each
- M20, M22: 0.371 each
- M19, M23: 0.323 each
- M14A, M18: 0.303 each

KEY ENGINEERING CHECKS PERFORMED

- Bending stress (primary concern for most members)
- Shear stress
- Deflection limits (all well within acceptable ratios >L/760)
- Buckling analysis using AA ADM1-15 (Aluminum Design Manual)

DESIGN LOADS AND CALCULATIONS

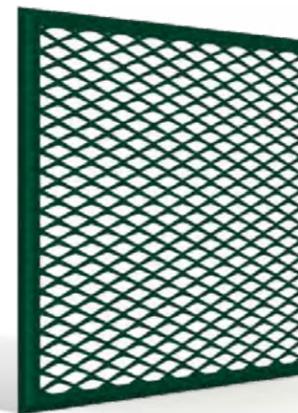
The hand calculations show:

- Wind pressure calculations for 150 mph exposure
- Moment calculations for the T-post configuration
- Member capacity checks against applied loads

PROFESSIONAL CERTIFICATION

The calculations are properly sealed and certified by a licensed Professional Engineer, meeting regulatory requirements for structural design.

ROOFTOP



Modern Expanded Metal Infill

APEX01

Available Colors



Modern Expanded Metal Infill

APEX03

Available Colors



ROOFTOP SCREENS

FORTE PRODUCT LINE



Modern Expanded Metal Infill

APEX04

Available Colors



Modern Expanded Metal Infill

APEX05

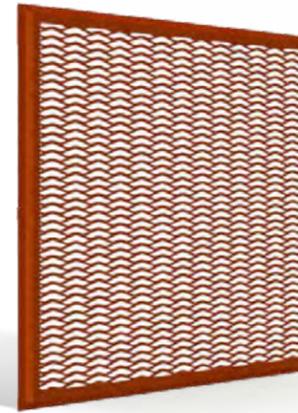
Available Colors



Modern Expanded Metal Infill

BELLESA

Available Colors



Modern Expanded Metal Infill

GARCIA

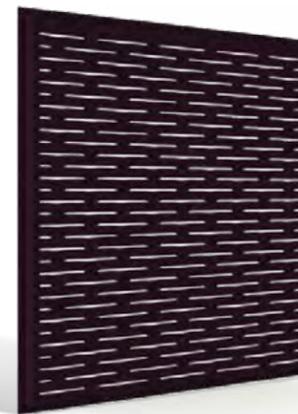
Available Colors



Modern Expanded Metal Infill

HINTER

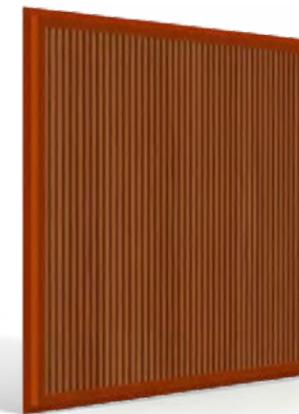
Available Colors



Modern Expanded Metal Infill

MODIG

Available Colors



Modern Textured Infill

BEAD

Available Colors



ROOFTOP

ROOFTOP SCREENS

FORTE PRODUCT LINE



Modern Textured Infill

BIO5

Available Colors



Modern Textured Infill

BIO8F

Available Colors



Modern Textured Infill

CLK01

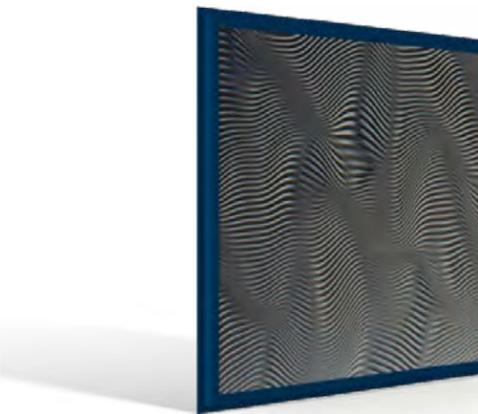
Available Colors



Modern Textured Infill

BIO6F

Available Colors



Modern Textured Infill

COP-001

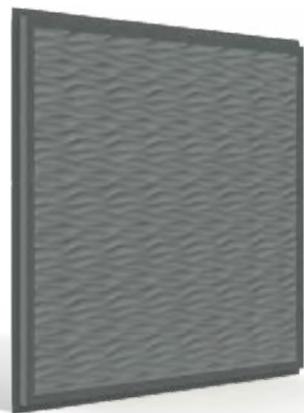
Available Colors



Modern Textured Infill

COP-001X2

Available Colors



Modern Textured Infill

BIO8

Available Colors



ROOFTOP SCREENS

FORTE PRODUCT LINE



Modern Textured Infill

COP-002

Available Colors



Modern Textured Infill

SOU 009

Available Colors



Modern Contemporary Infill

FOCUS

Available Colors



Modern Textured Infill

COP-003

Available Colors



Modern Contemporary Infill

METALLICS

Available Colors



Modern Contemporary Infill

UNI-COLOUR

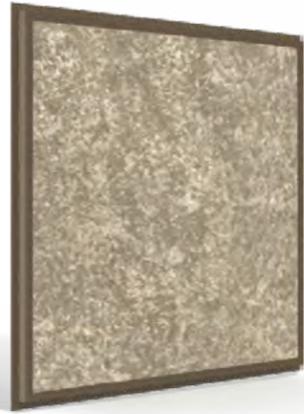
Available Colors



ROOFTOP

ROOFTOP SCREENS

FORTE PRODUCT LINE



Modern Contemporary Infill

NATURAL

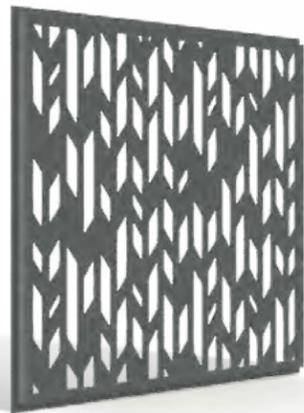
Available Colors



Laser Cut Infill

ORGANIC WAVES

Available Colors



Laser Cut Infill

AUTUMN CASCADE

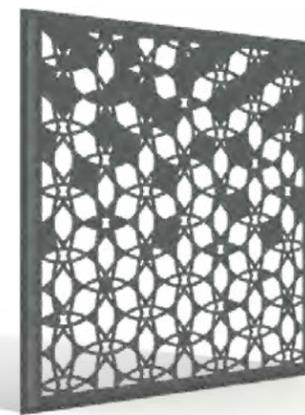
Available Colors



Laser Cut Infill

BUBBLE MATRIX

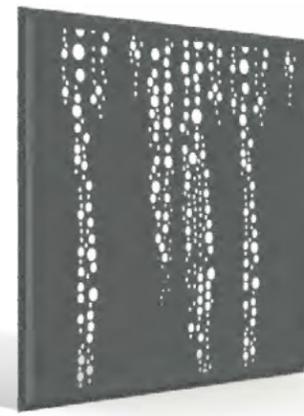
Available Colors



Laser Cut Infill

MOORISH LATTICE

Available Colors



Laser Cut Infill

DIGITAL DROPS

Available Colors



Laser Cut Infill

SCATTERED LIGHT

Available Colors



ROOFTOP

ROOFTOP SCREENS

FORTE PRODUCT LINE



Laser Cut Infill

CHEVRON PEAK

Available Colors



Laser Cut Infill

BAMBOO GROVE

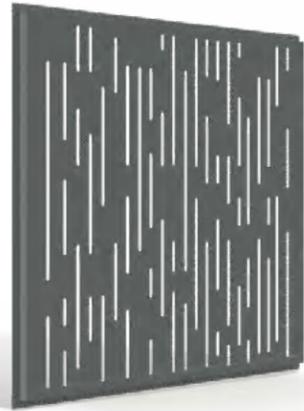
Available Colors



Laser Cut Infill

CROSSHATCH MATRIX

Available Colors



Laser Cut Infill

SOUND WAVES

Available Colors



Laser Cut Infill

SYMBOL

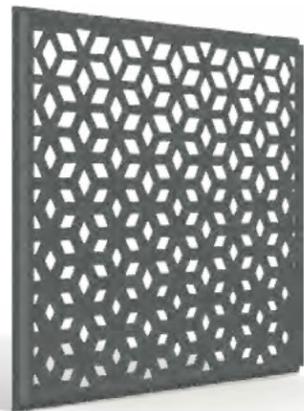
Available Colors



Illuminated Laser Cut Infill

TRANSLUCENT

Available Colors



Laser Cut Infill

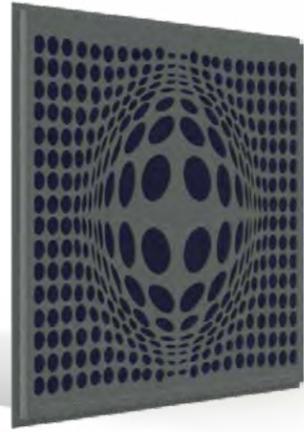
HONEYCOMB MESH

Available Colors



ROOFTOP SCREENS

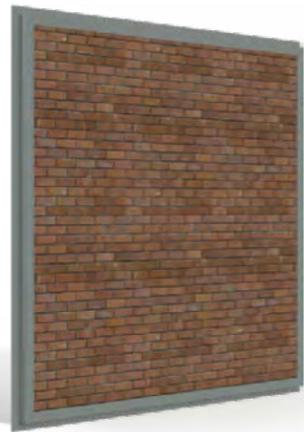
FORTE PRODUCT LINE



Illuminated Laser Cut Infill

OPAQUE

Available Colors



Faux Infill

FAUX BRICK

Available Colors



Faux Infill

FAUX STONE

Available Colors



Faux Infill

FAUX CONCRETE

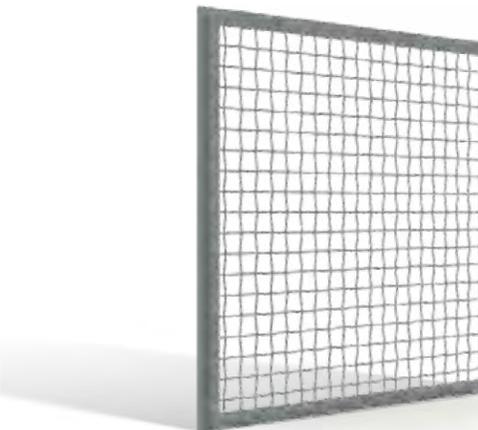
Available Colors



Open Infill

PERFORATED

Available Colors



Open Infill

WIRE MESH

Available Colors



ROOFTOP

SILERE

PRODUCT LINE

PalmSHIELD

ACOUSTIC SCREENS

Industrial Acoustic Screening for Maximum Noise Control
Engineered Sound Barriers for Rooftop Equipment, Generators, and Commercial Spaces

PalmSHIELD's acoustic screens are purpose-built to reduce industrial and mechanical noise, delivering both performance and aesthetics. Designed for commercial rooftops, generators, HVAC systems, and mechanical yards, our noise-reduction solutions meet municipal codes and exceed expectations.



ASTM C423 STANDARDS

Minimal parts and a streamlined installation process.



POST FIRST INSTALLATION

A variety of designs to match your building's exterior.



DUAL SIDED FINISH

Withstands wind speeds of up to 150 mph.



ADAPTIVE ALIGNMENT

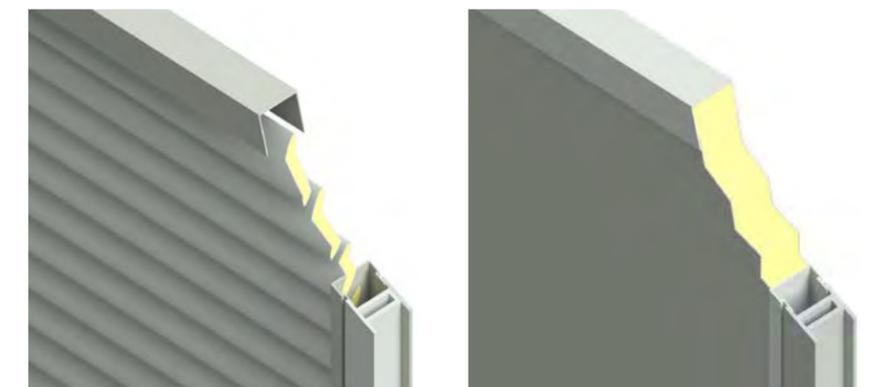
Utilizes industry-standard panel sizes to keep costs low.

Discover the innovative features that make our Forte rooftop screening solutions the perfect combination of durability, functionality, and style.

STC RATING **41**

DEFICIENCY **32**

OITC RATING **33**



ACOUSTIC

ACOUSTIC SCREENS



SILERE PRODUCT LINE

Deliver superior sound attenuation for commercial HVAC systems, industrial equipment, and outdoor mechanical installations. Engineered for performance, built to last.

Foam Fill Infill

FAUX BRICK

Available Colors



ACOUSTIC 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 3/4" 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: Panel Back Cover: 1/8" sheet
Panel Front Cover: 1/8" sheet

Panel Acoustic Fill: Long Strand Fiberglass Insulation or Mineral Wool. 4 lbs. Per Cubic Foot

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.



Foam Fill Infill

AIR FOILS

Available Colors



Foam Fill Infill

SEMI-SOLID AIR FOILS

Available Colors



Foam Fill Infill

SOLID

Available Colors



PLAYSAFE

PRODUCT LINE



PalmSHIELD PLAYGROUND SCREENS

Reduce distractions and enhance safety in high-noise areas. Discover the difference our acoustic panels can make. Transform noisy areas into focused workspaces with panels that combine superior noise control with an industrial-grade aesthetic.

PalmSHIELD's PlaySAFE Playground Screening offers the perfect balance of security and design, ensuring children stay safe while enhancing the aesthetics of playground environments.



PERSONALIZED BRANDING OPTIONS

Integrate school mascots, community logos, or unique symbols directly into the screen design



CUSTOM ARTISTIC DESIGNS

Make visual statement with decorative patterns



MEET ASTM & CPSC SAFETY STANDARDS

Compliance with industry regulations for playground safety



DURABLE & LOW-MAINTENANCE

High-quality materials that resist weathering, wear, and corrosion



SEAMLESS ARCHITECTURAL INTEGRATION

Designed to complement playground equipment, surrounding buildings, and landscaping



FLEXIBLE PANEL CONFIGURATIONS & SIZES

Custom sizes and arrangements to fit your space perfectly



PLAYGROUND

PLAYGROUND SCREENS

PLAYSAFE PRODUCT LINE

PlaySAFE Playground Screening by PalmSHIELD is engineered to offer superior durability, safety, and design versatility.

Solid Infill

ALUMINUM

Available Colors



Solid Infill

COMPOSITE

Available Colors



Solid Infill

VINYL

Available Colors



PLAYGROUND 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 3/4" 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

Guard Rail: When specified, Hot-dipped galvanized steel W-Beam Guardrail 310 mm tall x 81 mm deep.

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



Semi-Private Infill

ALUMINUM

Available Colors



Semi-Private Infill

COMPOSITE

Available Colors



PLAYGROUND SCREENS

PLAYSAFE PRODUCT LINE



Semi-Private Infill

VINYL

Available Colors



Laser Cut Infill

ARTISTIC LASER CUT

Available Colors



PLAYGROUND



Barrier

VEHICLE BARRIER

Available Colors



RAILINGS

PRODUCT LINE



PalmSHIELD HIGH CLASS RAILINGS

PalmSHIELD cable systems are designed to be accompanied with code compliant stair grab rails. All of our sections are custom fabricated. PalmSHIELD uses a rigid, thin cable stabilizer bar in the panels to support the long cable runs. At changes in slope, a stabilizer bar will support the cables without the use of additional posts. Fewer posts leaves more to be desired as you look beyond the cable rail system.



ARCHITECTURAL EXCELLENCE WITH MODERN DESIGNS

Unique designs like single-cable routing, field-adjustable hinges, and traditional post-and-rail ensure a solution for every project.



ENGINEERED FOR STRENGTH & COMPLIANCE

Pre-installed cables, bottom rail support, and optimized post spacing prevent system failure.



EFFORTLESS INSTALLATION & MAINTENANCE

Minimizes installation time with a flawless, factory-assembled system & eliminates concerns over cable tensioning, post failures, and long-term stability.



VERSATILE INFILL OPTIONS & CUSTOM FABRICATION

Choose from modern cable rail or heavy-duty aluminum/steel bar grating for added depth and strength.

HIGH CLASS RAILINGS

RAILINGS PRODUCT LINE

PalmSHIELD cable systems are designed to be accompanied with code compliant stair grab rails. All of our sections are custom fabricated.



Aluminum

ATTILA

Material: Aluminum framework 2" square posts and rails. Stainless steel cable and hardware.

Cable

Thickness: 1/8" to 3/16"

Height: Typical 36" - 42"

Width: Individual panels may be 20' in length.

Available Colors



Galvanized steel

ELLAC

Material: Galvanized steel posts and rails. Stainless steel cable and hardware.

Cable

Thickness: 1/8" to 3/16"

Height: Typical 36" - 42"

Width: Posts o.c. 10' with middle support.

Available Colors



Aluminum

RUGA

Material: Aluminum framework 2" square posts and rails. Stainless steel cable and hardware.

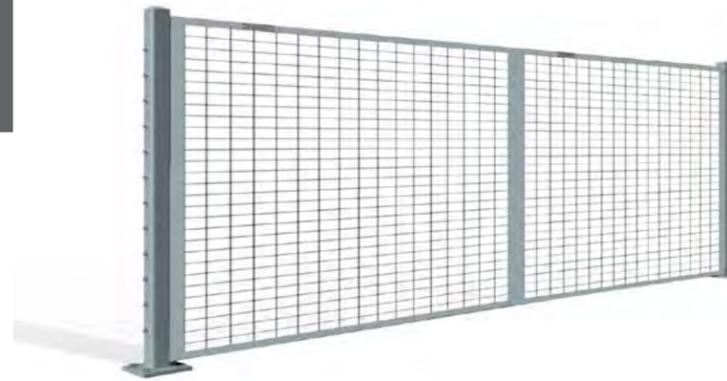
Cable

Thickness: 1/8" to 3/16"

Height: Typical 36" - 42"

Width: Sections shop fabricated in largest possible.

Available Colors



Stainless

MACHIAVELLI

Material: Aluminum framework 2" square posts and rails. Stainless steel cable and hardware.

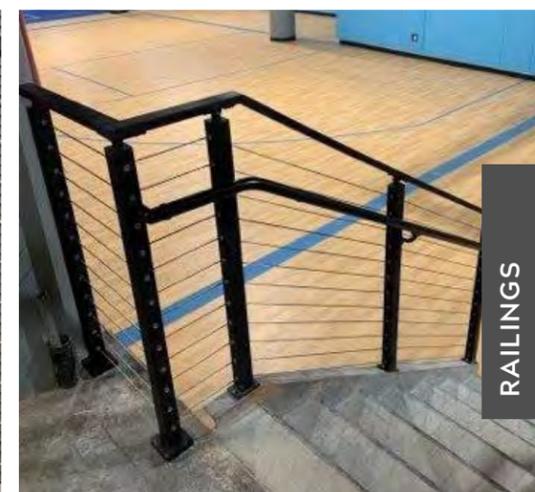
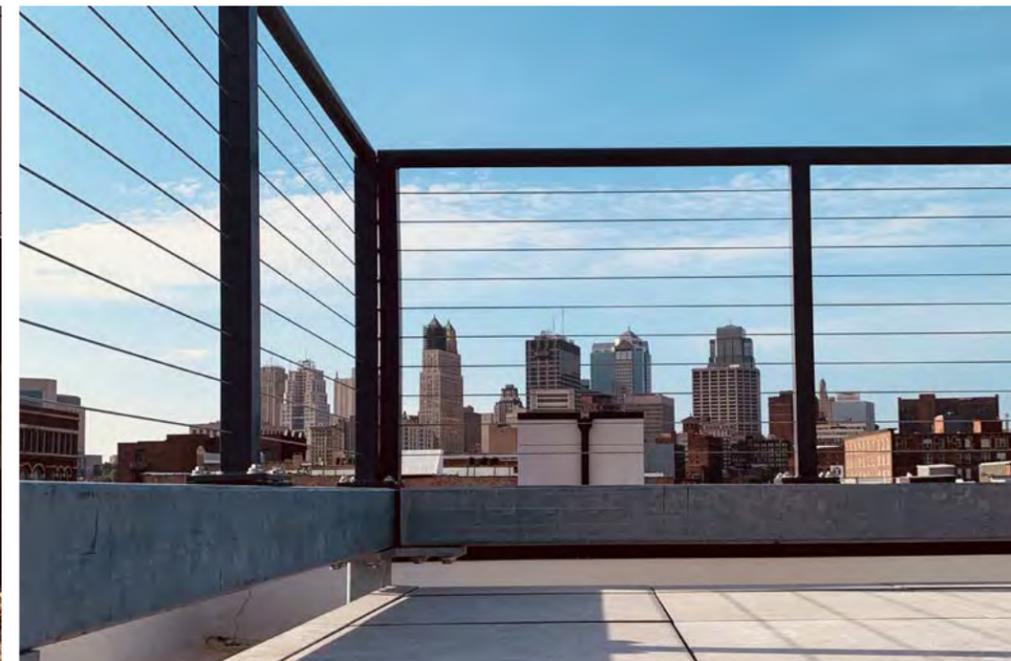
Cable

Thickness: 1/8" to 3/16"

Height: Typical 36" - 42"

Width: Sections shop fabricated in largest possible.

Available Colors



RAILINGS

GATES

PRODUCT LINE



PalmSHIELD ARCHITECTURAL GATES

Elevate your security without compromising on aesthetics. PalmSHIELD's architectural gates blend premium security features with modern architectural style to create a visually striking barrier for commercial and industrial applications. Custom engineered by trained professionals, each gate is designed to meet the exact specifications of your installation site – built to withstand cantilevered load and wind load effects without sagging or failure.



CANTILEVER SLIDE GATE DESIGNS

Available with single or double upper tracks



FULLY WELDED TUBULAR FRAMEWORK

For maximum durability



CABLE TRUSS SUPPORT SYSTEM

To prevent sagging



PADLOCKABLE DROP PINS

For enhanced security



WIND LOAD ENGINEERING

Optimal performance in all environments



GORILLA HINGES WITH STAINLESS STEEL BARRELS

For smooth, long-lasting operation



ARCHITECTURAL GATES

GATES PRODUCT LINE

Custom engineered by trained professionals, each gate is designed to meet the exact specifications of your installation site.



Louvered Infill

SLIDE GATE

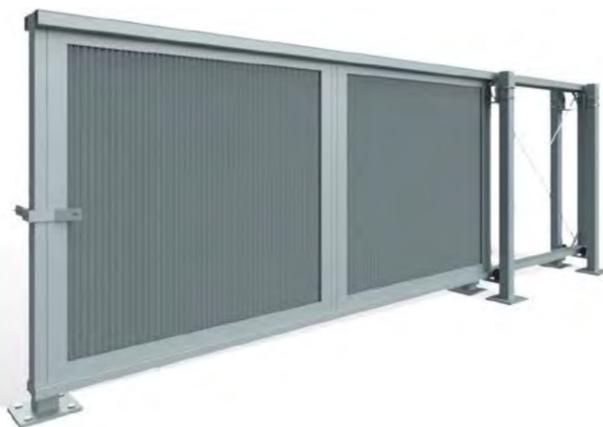
Available Colors



Diagonal Infill

SLIDE GATE

Available Colors



Vertical Infill

SLIDE GATE

Available Colors



SLIDE GATE SPECIFICATIONS

WIDTHS & HEIGHTS

- Height:** Unlimited
- Width:** Unlimited
- Column:** ASTM A500 Square Steel Post Sized with PalmSHIELD Elite Column Sleeve - Patent Pending.
- Plate:** ASTM A36 10" x 10" x 3/4" Steel Plate
- Gate Panel:** 2" x 2" x 3/16" T6063 Aluminum
- Gate Panel Diagonal:** 2" x 2" x 3/16" T6063 Aluminum
- Gate Panel Horizontal:** 2" x 2" x 3/16" T6063 Aluminum
- Gate Panel Track:** Custom Extrusion Internal Gate Track With Integrated Top Support 5" x 3 3/4"

SWING GATE SPECIFICATIONS

WIDTHS & HEIGHTS

- Height:** Unlimited
- Width:** 6' Maximum
- Column:** ASTM A500 Square Steel Post Sized with PalmSHIELD Elite Column Sleeve - Patent Pending.
- Column Plate:** ASTM A36 10" x 10" x 3/4" Steel Plate
- Gate Panel Vertical:** PalmSHIELD Elite 4" x 2" tapered vertical compression member - Patent Pending and 4" x 3" x 1/8" channel
- Gate Panel Top Cap:** T 6063 4" x 3" x 1/8" channel
- Gate Panel Bottom Cap:** T 6063 4" x 3" x 1/8" channel
- Intermediate:** T 6063 1" x 1/8" bar



Louvered Infill

SWING GATE

Available Colors



Diagonal Infill

SWING GATE

Available Colors



ARCHITECTURAL GATES

GATES PRODUCT LINE



Vertical Infill

SWING GATE

Available Colors



Semi-Private Infill

ALUMINUM SLIDE GATE

Available Colors



Semi-Private Infill

COMPOSITE SLIDE GATE

Available Colors



GATE HARDWARE

WIDTHS & HEIGHTS

- Hinges:** Gorilla 3000 Sealed Bearing Hinge
- Lock:** Locinox Forty Internal Rekeyable Stainless Steel Lock
- Drop Rods:** 1" Schedule Forty Dual Position Lockable Rod
- Other:** Panic Hardware, Position Switches, Etc. upon request



Semi-Private Infill

VINYL SLIDE GATE

Available Colors



Semi-Private Infill

ALUMINUM SWING GATE

Available Colors



Request Your Custom Gate Design Today

No two installations are alike – and neither are PalmSHIELD gates. From decorative swing gates to high-security cantilever slide gates, our design team creates custom solutions that blend seamlessly with your architectural vision.

ARCHITECTURAL GATES

GATES PRODUCT LINE



Semi-Private Infill

COMPOSITE SWING GATE

Available Colors



Semi-Private Infill

VINYL SWING GATE

Available Colors



Alternating Infill

ALUMINUM SWING GATE

Available Colors



Alternating Infill

VINYL SWING GATE

Available Colors



Solid Infill

ALUMINUM SLIDE GATE

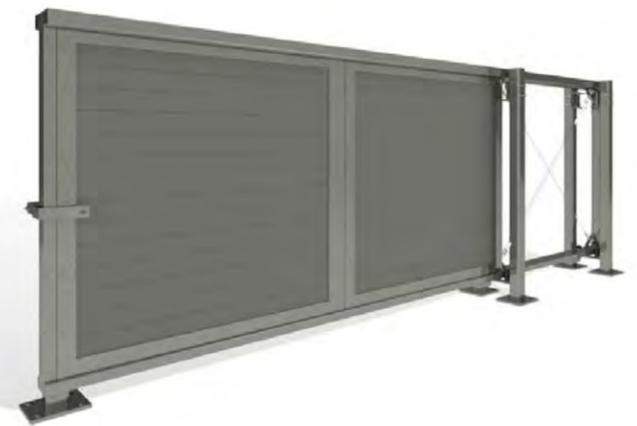
Available Colors



Solid Infill

COMPOSITE SLIDE GATE

Available Colors



Solid Infill

VINYL SLIDE GATE

Available Colors



ARCHITECTURAL GATES

GATES PRODUCT LINE



Solid Infill

ALUMINUM SWING GATE

Available Colors



Solid Infill

VINYL SWING GATE

Available Colors



Staggered Infill

ALUMINUM SWING GATE

Available Colors



Staggered Infill

VINYL SWING GATE

Available Colors



Staggered Infill

VINYL SWING GATE

Available Colors



Open Infill

PERFORATED SLIDE GATE

Available Colors



Open Infill

WIRE MESH SLIDE GATE

Available Colors



ARCHITECTURAL GATES

GATES PRODUCT LINE



Open Infill

PERFORATED SWING GATE

Available Colors



Open Infill

WIRE MESH SWING GATE

Available Colors



Laser Cut Infill

ARTISTIC SWING GATE

Available Colors



Laser Cut Infill

SYMBOL SWING GATE

Available Colors



Laser Cut Infill

VINYL SWING GATE

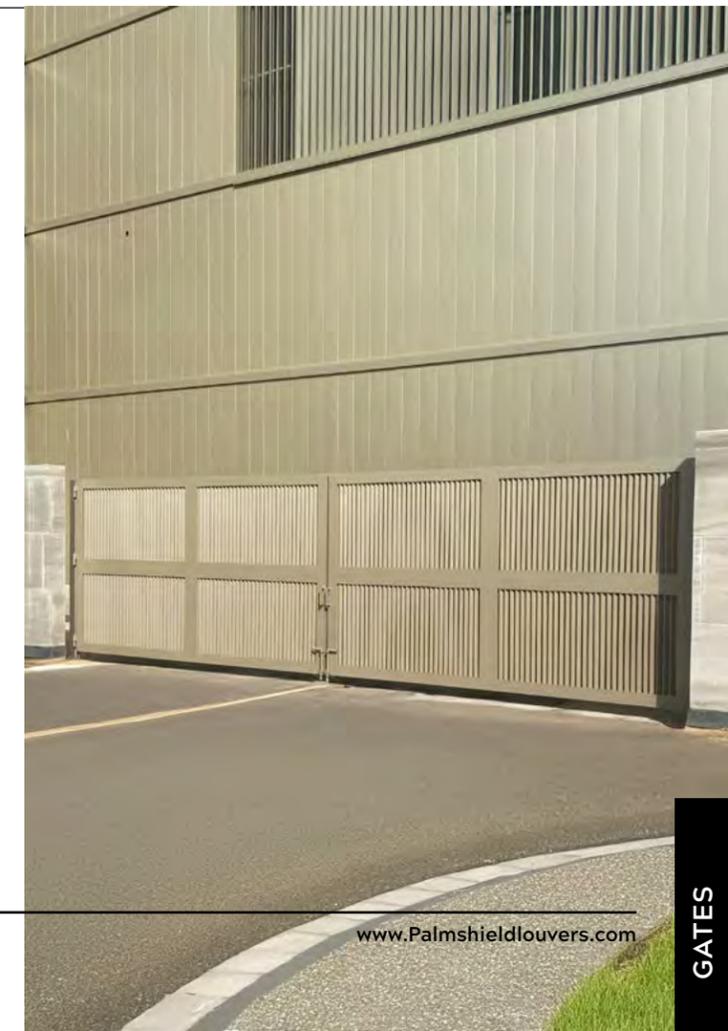
Available Colors



Laser Cut Infill

PERFORATED SLIDE GATE

Available Colors



VULCAN

PRODUCT LINE



PalmSHIELD PEDESTRIAN GATES

PalmSHIELD Vulcan full-height pedestrian swing gates are the ultimate solution for secure access in high-traffic environments. Designed to withstand constant use while maintaining a sleek appearance, Vulcan gates provide the perfect balance of durability, security, and visual appeal. Ideal for both commercial and industrial applications, these gates ensure controlled access without compromising aesthetics.

Secure, Customizable Pedestrian Gate Solutions

With a range of customizable features and a variety of infill options, **PalmSHIELD** gates provide the ultimate security without compromising on style.

Protecting Educational Campuses, Industrial Sites, Stadiums & More

Every site has unique security needs, so Vulcan pedestrian swing gates are fully customizable. From schools and stadiums to apartments and manufacturing plants, they're tailored to balance security and aesthetics.



WIDE ARRAY OF INFILL DESIGNS & MATERIALS

Choose from a variety of designs including louvered, privacy, semi-privacy, picketed, and welded wire mesh.



COMPLETE, PRE-ASSEMBLED GATE

Ships fully assembled with all hardware and access control devices pre-installed, saving time and ensuring ease of installation.



CUSTOMIZABLE TO YOUR SITE

Vulcan gates can be customized in terms of size, height, and style to fit perfectly into your environment.



COMPREHENSIVE ACCESS CONTROL OPTIONS

Includes features such as panic bars, automatic closures, electric strikes, keyless entry, and position switches for enhanced security and convenience.



SEAMLESSLY INTEGRATED WITH PALMSHIELD SCREENING

Vulcan gates can be incorporated into any of PalmSHIELD's architectural louvered screen fencing, offering a cohesive and secure perimeter solution.



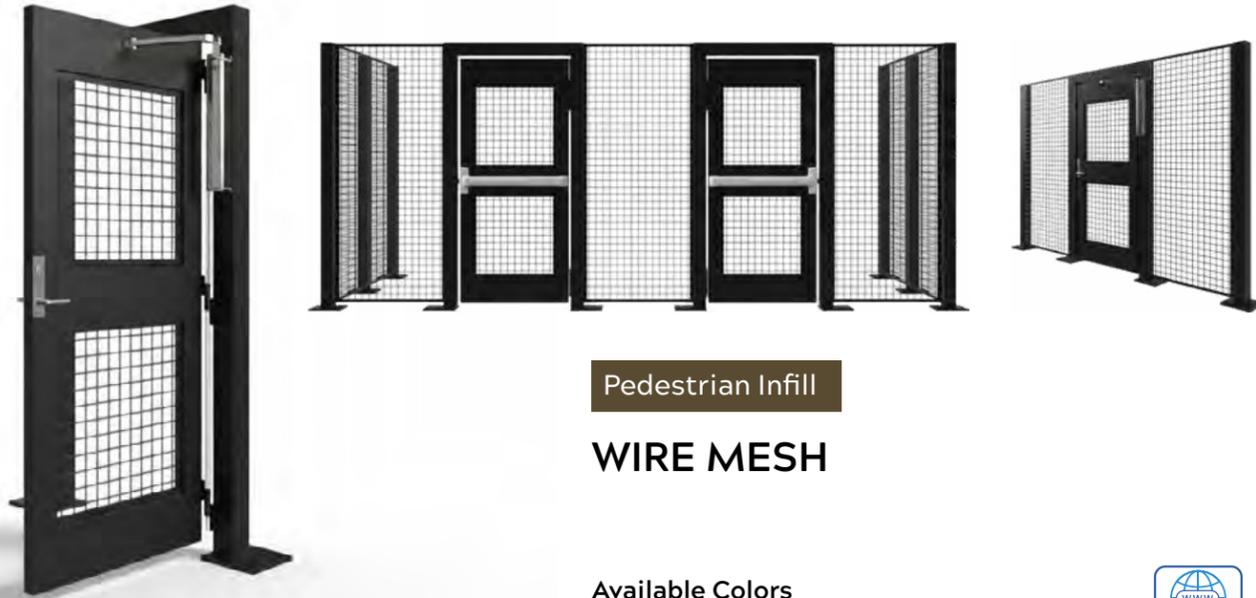
MEETS IBC BUILDING CODES

Vulcan pedestrian swing gates are designed to meet the International Building Code (IBC), ensuring compliance with safety and structural standards for commercial and industrial applications.

PEDESTRIAN GATES

VULCAN PRODUCT LINE

PalmSHIELD Vulcan full-height pedestrian swing gates are the ultimate solution for secure access in high-traffic environments.



Pedestrian Infill

WIRE MESH

Available Colors



PEDESTRIAN GATE & SURROUND SPECIFICATIONS

WIDTHS & HEIGHTS

Height: Unlimited
Width: 6' Maximum

PANEL COLUMN & FRAMEWORK

Column: ASTM A500 Square Steel Post Sized with PalmSHIELD Elite Column Sleeve - Patent Pending.

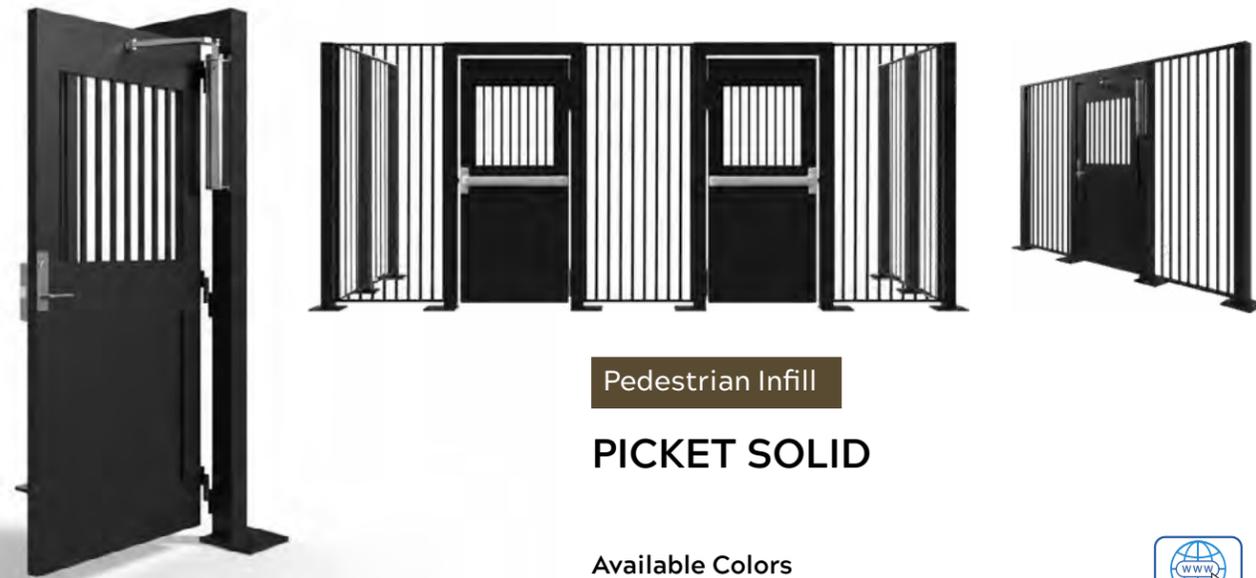
Column Plate: ASTM A36 10" x 10" x 3/4" Steel Plate

Gate Panel Vertical: PalmSHIELD Elite 4" x 2" tapered vertical compression member - Patent Pending and 4" x 3" x 1/8" channel

Gate Panel Top Cap: T 6063 4" x 3" x 1/8" channel

Gate Panel Bottom Cap: T 6063 4" x 3" x 1/8" channel

Intermediate: T 6063 1" x 1/8" bar



Pedestrian Infill

PICKET SOLID

Available Colors



Pedestrian Infill

ORNAMENTAL

Available Colors



PEDESTRIAN GATES

VULCAN PRODUCT LINE



Pedestrian Infill
BAR GRATING



GATE HARDWARE



GORILLA HINGE 3000

PalmSHIELD has designed its own line of industrial hinges strong and flexible enough to pair with any gate.



SHIMS

PalmSHIELD offers shims in two styles to be installed individually or in combination.



TRUCK MOUNTING BRACKET

Secures gate rollers with a compact, clean design. Precision-cast bracket and sturdy U-bolt provide a tight, vibration-resistant fit for round or square posts.



DROP ROD

PalmSHIELD can fit any gate with the perfect sized drop rod to secure it in place.



BOTTOM ROLLER SLIDE GATE

PalmSHIELD provides bottom rollers for cantilevered gates to ensure weight support and a smooth sliding system.



PANIC BARS

PalmSHIELD utilizes DAC Industries, Inc. for their wide selection of panic bar options. You can find one that's perfect for your project with their reliable and versatile product lines.



LOCINOX LATCH

PalmSHIELD incorporates the Locinox FortyLock mortise lock into all of our gates with lockable drop rods.



TOP ROLLER SLIDE GATE

PalmSHIELD guarantees an easy & smooth sliding gate. When paired with bottom rollers, these top roller gate components get the job done!



LOCINOX VENUS

The Venus is a plug-and-play motorized gate closer for pedestrian swing gates.



ACCESS

PRODUCT LINE

PalmSHIELD ACCESS CONTROL

Selecting the Right Access Control System

Choosing the right access control for a slide gate can be challenging. Gate length, type, and weight determine the operator, while designers must also select the supporting devices, safety equipment, and plan a layout that ensures all components work seamlessly with the gate and opening.

Simplified Automation Solutions

PalmSHIELD partners with American Access Company to provide simplified, comprehensive drawings and specifications for slide gates and automated access control. AAC, a leading Midwest provider, installs over 500 systems annually and employs 14+ AFA-certified technicians.



TURNKEY ACCESS CONTROL

Complete, ready-to-install systems – including gates, gate operators, and access control components.



SEAMLESS INTEGRATION WITH SLIDE GATES

Engineered for compatibility with chain link or ornamental cantilever gates.



CUSTOMIZABLE SYSTEM PACKAGES

Single or double track gate options to fit any opening size or application.



COMPREHENSIVE CAD DRAWINGS & SPECIFICATIONS

Pre-engineered drawings to ensure seamless installation and code compliance.



CERTIFIED INSTALLATION INSTRUCTIONS

Step-by-step guidance for gate operators, access controls, and all wiring diagrams.



OPERATOR AND ELECTRICAL PRE-WIRE LAYOUTS

Eliminates guesswork – every system is pre-mapped for streamlined installation.

ACCESS GATES

ACCESS PRODUCT LINE

Protect your property with durable, secure, and streamlined gate and access control systems.

Louvered Infill

CHAIN LINK CANTILEVER SINGLE TRACK

Available Colors



Diagonal Infill

CHAIN LINK CANTILEVER DOUBLE TRACK

Available Colors



Vertical Infill

ORNAMENTAL FLAT TOP SINGLE TRACK

Available Colors



INDUSTRIAL GATE SPECIFICATIONS

WIDTHS & HEIGHTS

Height: Unlimited

Width: Unlimited

PANEL COLUMN & FRAMEWORK

Column: ASTM A500 Square Steel Post Sized with PalmSHIELD Elite Column Sleeve - Patent Pending.

Column Plate: ASTM A36 10" x 10" x 3/4" Steel Plate

Gate Panel: 2" x 2" x 3/16" T6063 Aluminum

Gate Panel Diagonal: 2" x 2" x 3/16" T6063 Aluminum

Gate Panel Horizontal: 2" x 2" x 3/16" T6063 Aluminum

Gate Panel: Track: Custom Extrusion Internal Gate Track With Integrated Top Support 5" x 3 3/4"



Louvered Infill

ORNAMENTAL FLAT TOP SINGLE TRACK

Available Colors



Diagonal Infill

GATE ACCESSORIES

Available Colors



PALMSHADE

PRODUCT LINE



PalmSHADE SUN SHADES

Simplified Automation Solutions

PalmSHADE leads in custom sun shade structures, designed to fit your site and expertly fabricated for lasting performance. PalmSHADE has everything from pergolas to pavilions— which are ideal for hotels, parks, public gardens, resorts, and multi-family residences. Beyond UV protection, they enhance your space with elegance and can even boost property value— fully customizable and seamlessly installed to your needs.



COMPLETELY CUSTOMIZABLE
Most projects require more than standard solutions, and that’s where we excel.
 Our team specializes in custom, project-specific designs, working closely with architects and designers to bring unique visions to life. Let PalmSHADE transform your ideas into tailored designs that elevate your project.



INNOVATIVE DESIGNS
Our sun shades encompass shelters, pool cabanas, kiosks, bus stop shades, steel pavilions, gazebos, pergolas, and more.
 With 25 years of collaboration with architects and engineers, we offer a diverse range of innovative shade solutions. Explore our extensive selection to find the perfect design for any setting.



CUSTOM TAILORING
Make our design your exclusive design tailored to your project.
 We transform standard sun shade structures and screening into one-of-a-kind works of art that complement your site as a cornerstone of your design. From ordinary to extraordinary, we’re committed to making your vision reality.



DESIGN TO FABRICATION
Our engineering team transforms your napkin sketch into detailed 3D renderings, allowing customers to visualize the aesthetic impact on their project.
 Experiment with sizes, shapes, colors, and configurations before finalizing your design for fabrication. See your vision come to life before construction begins.

ARCHITECTURAL SHADES

SUN SHADE PRODUCT LINE

Discover custom-made, premium shade structures built to withstand the elements while enhancing your outdoor aesthetic.



SunShade

ARUNA

Available Colors



SunShade

ATEN

Available Colors



SunShade

INTI

Available Colors



SunShade

MARICI

Available Colors



SunShade

MITHRA

Available Colors



SunShade

RAVI

Available Colors



SunShade

SAVITUR

Available Colors



ARCHITECTURAL SHADES

SUN SHADE PRODUCT LINE



SunShade

SOL

Available Colors



SunShade

SURYA

Available Colors



SunShade

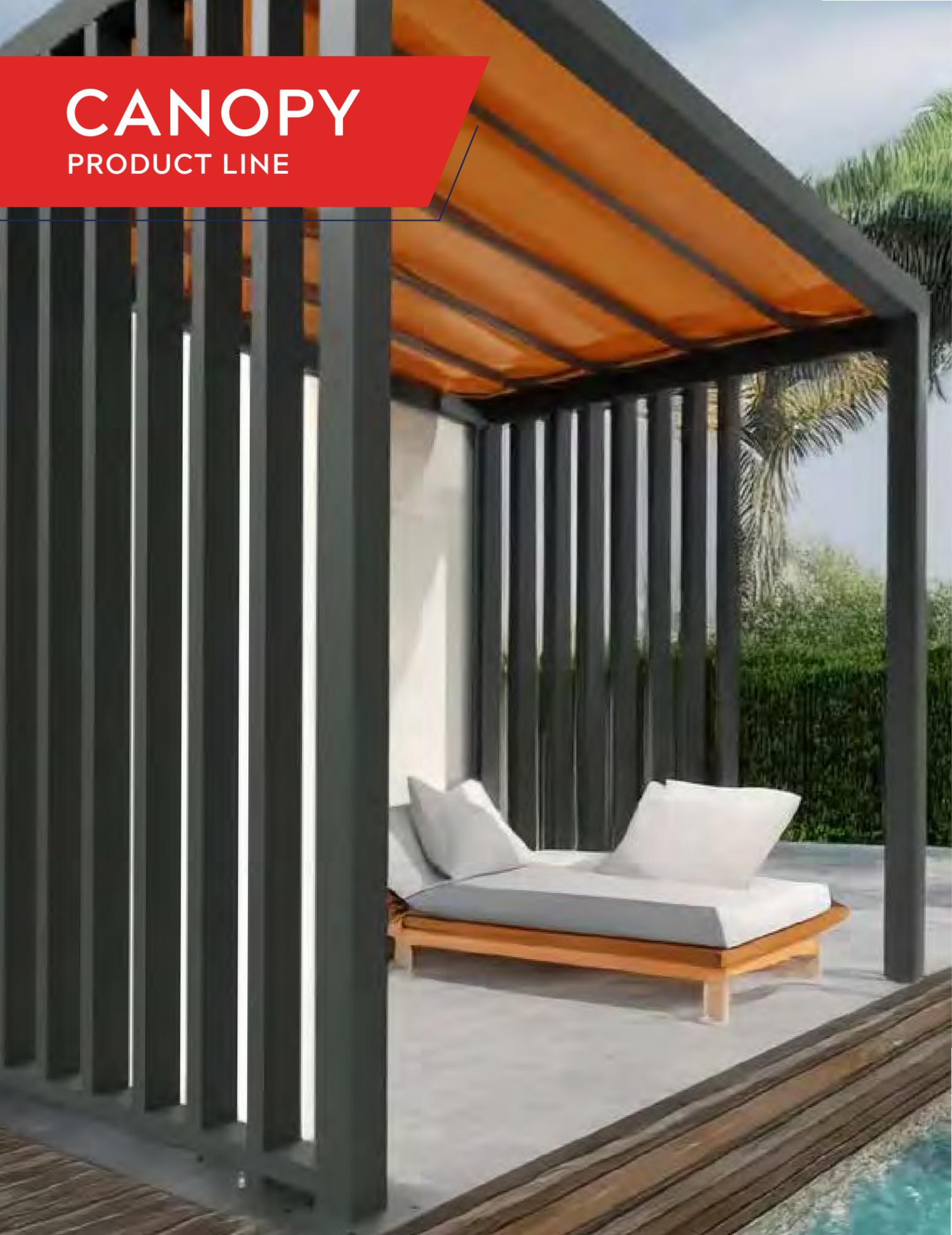
HORUS

Available Colors



CANOPY

PRODUCT LINE



PalmSHADE RETRACTABLE CANOPIES

CANOPIES

Comfort style and durability

Looking to take your sun shade to the next level? Browse PalmSHADE's canopy options. From retractable canopies, retractable side screens, tensions sails, and more, we've got you covered!

Crafted comfort for curated outdoor experiences

The first and only slide-on-wire canopy system that is ready to install out of the box, and because of its unique modular design it can fit any space and be easily modified to meet your design and shade needs.



CUSTOM COLORS

Design your canopy with single or multi-color options for a custom look.



PANEL OPTIONS

Choose uniform or varied panel widths to match your style or space needs.



TENSION CONTROL

Adjust panel tension for a sleek, flat look or a soft, billowed effect.



PANEL FLEXIBILITY

Lock panels in place for consistent shade, or remove them for an open-air feel.



PRIVACY & SHADE

Add vertical end panels for enhanced privacy and extended shade.



FULL CONTROL

Open or close your canopy from either end—full control at your fingertips.



INDOOR STYLING

Install indoors to conceal exposed ceilings, rafters, or ductwork with style.



EXPAND FUNCTIONALITY

Expand functionality with accessories and upgrades (coming soon).

RETRACTABLE CANOPIES



CANOPY PRODUCT LINE

The first and only slide-on-wire canopy system that is ready to install out of the box

Canopy

STOCK

- 5' wide Sections in any length
- 18 fabrics and colors
- One or Multi-color

Available Colors

For more color & fabric options, see website at: <https://palmshieldlouvers.com/retractable-canoopies/>



Canopy

CUSTOM

- 5' wide Sections in any length
- 18 fabrics and colors
- One or Multi-color

Available Colors

For more color & fabric options, see website at: <https://palmshieldlouvers.com/retractable-canoopies/>



Canopy

RETRACTABLE

- Size:** Widths from 4' to 15' and Drops from 3" to 15" in half inch increments.
- Operation:** Manual Gear or Motorized. Motorized operation recommended for ease of use.
Allows remote operation from up to 65 feet away.
- Protective Hood:** Optional powder coated aluminum hood protects fabric and motor while providing a finished look.
- WARRANTY:** Frame, Fabric and Motor 5-years
Ships within 2-4 weeks · Made in USA

Available Colors

For more color & fabric options, see website at: <https://palmshieldlouvers.com/retractable-canoopies/>



Tension

TENSION SAIL

Available Colors

For more color & fabric options, see website at: <https://palmshieldlouvers.com/retractable-canoopies/>



Laced

LACED ON

Available Colors

For more color & fabric options, see website at: <https://palmshieldlouvers.com/retractable-canoopies/>



RETRACTABLE CANOPIES

CANOOPY PRODUCT LINE



CANOPIES

STOCK CANOPY FABRICS & COLORS



Premium Canvas

- Blocks 100% of sun rays.
- Non-Transparent
- Fire Rating: None
- Resistant to mold and fading
- Can protect against rain
- 100% Solution Died Acrylic



For more color & fabric options, see website at: <https://palmshielddouvers.com/retractable-canopies/>

Premium Mesh

- Blocks 100% of sun rays.
- Blocks 92.5% of UV rays
- Semi-Transparent (Openness Factor 7.5%)
- Fire Rating: Class A
- Resistant to mold and fading
- Not intended to protect against rain
- 100% vinyl coated polyester



For more color & fabric options, see website at: <https://palmshielddouvers.com/retractable-canopies/>

Standard Mesh

- Blocks 65% of UV Rays
- Translucent (Openness Factor 35%)
- Flame Retardant: Class A
- Resistant to fire, mold, and fading.
- Not intended to protect against rain.
- 100% vinyl coated polyester

For more color & fabric options, see website at: <https://palmshielddouvers.com/retractable-canopies/>



CUSTOM CANOPY FABRICS & COLORS



Premium Mesh

- Blocks 92.5% of UV rays Semi Transparent
- Fire Rating: Class A-NFPA 701
- Resistant to mold and fading
- Not intended to protect against rain
- 100% vinyl coated polyester

Solution Dyed Acrylic

- Blocks 100% of UV rays.
- Non Transparent
- Fire Rating: Varries
- Resistant to mold and fading
- Can protect against rain
- 100% Solution Died Acrylic

VINYL MESH & WATERPROOF

- Blocks 86-100% of UV rays.
- Non to Semi Transparent
- Fire Rating: NFPA-701
- Resistant to mold and fading
- 502 & W-96 protect against rain
- 100% PVC

STANDARD MESH

- Blocks 65%-70% UV Rays Semi Transparent
- Flame Retardant: Class A - NFPA 701
- Resistant to fire, mold, and fading.
- Not intended to protect against rain.
- 100% vinyl coated polyester

For more color & fabric options, see website at: <https://palmshielddouvers.com/retractable-canopies/>

BOLLARDS

PRODUCT LINE

PalmSHIELD SECURITY BOLLARDS

Visual Boundaries, Physical Protection, and Traffic Control

PalmSHIELD's security bollards provide heavy-duty protection and property definition for a wide range of commercial and municipal uses. From traffic management to high-impact crash protection, our steel and aluminum bollards are built to last.

Mark Perimeters, Deter Vehicles, and Enhance Curb Appeal

Explore the cutting-edge features of the PalmSHIELD Elite framework—crafted to deliver the ultimate blend of strength, versatility, and contemporary design for any screening application.



VARIETY OF SHAPES & SIZES

Available in multiple diameters and styles to provide the perfect balance of protection and aesthetics.



CUSTOMIZABLE TOP OPTIONS

Choose from a range of decorative top finishes to complement your architectural vision—no extra fasteners needed.



MULTIPLE INSTALLATION TYPES

Designed for flexibility, our bollards support embedded, surface-mounted, and removable installation methods.



DESIGNED TO MATCH ARCHITECTURAL SCREENING

Seamlessly integrate with PalmSHIELD screening systems for a uniform and polished appearance.



DURABLE & WEATHER-RESISTANT

Constructed from high-quality materials to withstand impact, corrosion, and extreme weather conditions.



VERSATILE APPLICATIONS

Ideal for pedestrian safety, traffic control, perimeter security, and decorative enhancements.

SECURITY BOLLARDS

BOLLARDS PRODUCT LINE

PalmSHIELD Forte is the revolutionary rooftop screen design. Used to obscure and protect RTU equipment, it can be attached either to your rooftop or directly to the equipment itself.

GENERAL BOLLARD SPECIFICATIONS

DIAMETERS & HEIGHTS

Diameters: 3", 4", 6", 8", 10", & 12"

Heights: 36", 42", & 48"

MATERIALS

Pipe: ASTM A53

Square Tube: ASTM A500

Plate: ASTM A36

Cap: ASTM A36

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

COLLAPSIBLE BOLLARDS

Our Collapsible bollards are available in two materials: Schedule 40 Steel and Steel Square. Choose between three different bollard heights: 36", 42", and 48". As well as different diameter widths: 3.5", 4.5", 6.625", 10.75", 12.75"

CRASH RATED BOLLARDS

The M50 Bollard is a high-security vehicle barrier designed to provide exceptional stopping power against unauthorized vehicle access. Rated to withstand impacts from heavy-duty vehicles traveling at high

speeds, the M50 Bollard is engineered to protect high-risk areas such as government buildings, data centers, and other critical infrastructure.

EMBEDDED BOLLARDS

Our Embedded bollards are available in two materials: Schedule 40 Steel and Steel Square. Choose between three different bollard heights: 36", 42", and 48" as well as different diameter widths: 3", 4", 6", 10", 12"

REMOVABLE BOLLARDS

Our Removable bollards are available in two materials: Schedule 40 Steel and Steel Square. Choose between three different bollard heights: 36", 42", and 48" as well as different diameter widths: 3", 4", 6", 10", 12"

SURFACE MOUNTED BOLLARDS

Our Surface Mounted bollards are available in two materials: Schedule 40 Steel and Steel Square. Choose between three different bollard heights: 36", 42", and 48" as well as different diameter widths: 3", 4", 6", 10", 12"



Square Post Slope Top



Round Post Slope Top



Square Post Flat Top



Round Post Flat Top

Bollards

COLLAPSIBLE

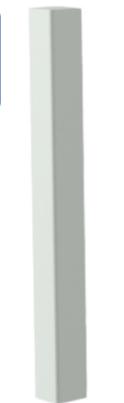
Available Colors



Square Post Slope Top



Round Post Slope Top



Square Post Flat Top



Round Post Flat Top

Bollards

EMBEDDED

Available Colors



SECURITY BOLLARDS

BOLLARDS PRODUCT LINE



Bollards

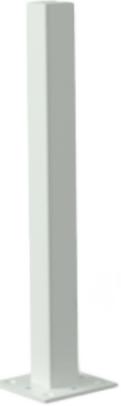
CRASH RATED



Square Post Slope Top



Round Post Slope Top



Square Post Flat Top



Round Post Flat Top

Available Colors



Bollards

REMOVEABLE

Available Colors



Square Post Slope Top



Round Post Slope Top



Square Post Flat Top



Round Post Flat Top

Bollards

SURFACE MOUNTED

Available Colors



BOLLARDS



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