PalmSHIELD

PRODUCT CATALOG

PALMSHIELD

WWW.PALMSHIELDLOUVERS.COM | 531-325-8080 EXT 2

ABOUT US

For over fifty years, PalmSHIELD has been designing and manufacturing architectural screening, rooftop screening, and mechanical equipment screening. We are the industry leader for fully engineered complete architectural systems. PalmSHIELD provides the widest selection of louvered, solid, semiprivate, staggered, alternating, perforated, woven wire, and custom laser cut screening systems. Our company is also the leader in providing railings and gate systems.

PalmSHIELD provides the ultimate screening systems. Our industrial architectural screening is the only fully structural framed system that requires no further support. Our systems are engineered to meet the latest UBC and IBC codes for wind loads both as stand-alone panels and incorporated into our panel and column system. If you need more economic solutions, PalmSHIELD offers a full line of economic louvers with your budget in mind.

PalmSHIELD systems are installer and customer-focused. We provide a complete set of fabrication and field assembly drawings. Our systems are manufactured to make field installation quick and easy. With our industrial product line, we shop and install all infill, hinges, and lock hardware. Our economic line of screening is designed to be easily installed with practically no tools necessary.

PalmSHIELD believes in providing a great customer experience. Our project management team is committed to providing constant communication throughout the manufacturing process. You will hear from us every week as to the status of your project with updates and photos. We pride ourselves on receiving rave reviews of our customer service.

ABOUT US

PROJECT MANAGEMENT

Every architectural screening or mechanical equipment screening project is assigned a project manager. You will hear from your project manager on day one. Your project manager will keep you posted weekly about your project, submit your fabrication drawings, follow up with you while waiting on your response and send photos before your project ships.

PRODUCT DESIGN

PalmSHIELD has a team of designers and engineers ready to support you and your site-specific installation. PalmSHIELD provides you with a complete set of sitespecific fabrication drawings of your architectural screening or mechanical equipment screening for your approval.

PRODUCT ENGINEERING

PalmSHIELD's architectural screening and louvered mechanical screening are fully engineered systems. We will provide you with generic engineering in support of your system. PalmSHIELD will work with a local engineer to provide project-specific engineered stamped drawings.

FABRICATION & COATING

We are custom metals fabricators. Though we have an 80,000 square foot fabrication and coatings facility, we do not lose sight of the fact that we are building your custom enclosure. Their work is daily reviewed via our quality control program and certified weld inspector, CWI.

INSTALLATION

PalmSHIELD has several installation teams who are seasoned professionals with several years of installation experience. PalmSHIELD has been a place or two over the last twenty years. We have traveled to most major metropolitan communities.

TRANSPORATION

We have successfully shipped hundreds of projects across the United States. We have partnered with a group of transportation firms that share our standards for timely and conscientious shipping. We stay in constant contact with the delivery until it arrives and manage any hiccups along the way.

ARCHITECTURAL LOUVERS

PalmSHIELD louvered mechanical screen fencing equipment is the industry leader in providing maximum air flow while still providing a 100% direct visual screen. PalmSHIELD is the only louvered architectural screen fencing and wall manufacturer providing a structural picture frame design to fully enclose each panel for your rooftop screen or mechanical equipment screen. This allows our louvered panels great flexibility in spanning considerable widths and heights. PalmSHIELD louver's aesthetic appeal is its contemporary and modern finish. Our panel and column combination is sleek and robust.

ARCHITECTURAL **LOUVERS**

Industrial

ATLAS LOUVERS

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

Industrial

ASIA LOUVERS

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

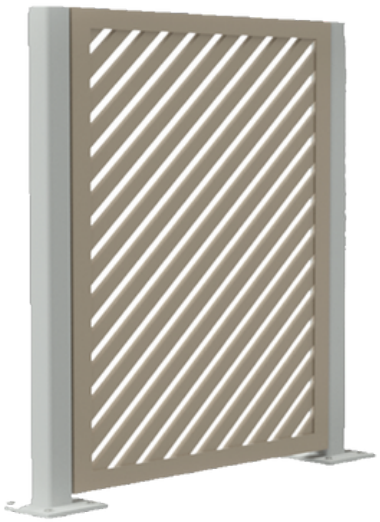
Industrial

ACHILLES LOUVERS

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

ARCHITECTURAL **LOUVERS**



Industrial

AJAX LOUVERS

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

Economical

ARIA

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

Economical

MERCURY

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Intermediate supports: 2” x ¼” flat bar.
Not to exceed 24” o.c.
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited
Panel height: Unlimited

Available Colors

SEMI PRIVATE SCREENING

PalmSHIELD's architectural semi-private screen fencing is a great mechanical screen fencing equipment option that offers both privacy and ventilation for ground screens, enclosures & gates for HVAC systems, dumpsters, mechanical equipment & more. The aluminum frame and aluminum, vinyl or composite horizontal planks offer a contemporary and industrial finish matching today's contemporary styles.

SEMI-PRIVATE **SCREENING**

Industrial

TIBERIUS

Posts: 4” x 4” x 1/8” aluminum
Visibility: 100% direct visual screening
Structure: Routed posts and horizontal planks
Panel width: Standard is 48” to 60”
Panel height: Standard is up to 72”
Plank dimensions: 1” x 6” aluminum
Installed plank profile: 1” x 5 3/4”
Plank spacing: 5 3/4” o.c.

Aluminum Colors
Composite Colors
Vinyl Colors

Economical

MECURY- SEMI PRIVATE

Posts: 4” x 4” x 1/8” aluminum
Visibility: 80% direct visual screening
Structure: Routed posts and horizontal planks
Panel width: Standard is 48” to 60”
Panel height: Standard is up to 72”
Composite & Vinyl Plank dimensions: 1” x 6”
Composite & Vinyl Plank spacing: 5 ¾” o.c
Aluminum Plank dimensions: 1” x 5”
Aluminum Plank spacing: 4 ¾” o.c.

Aluminum Colors
Composite Colors
Vinyl Colors

Economical

MERCURY- ALTERNATING

Material: Aluminum
Louver dimensions: 1/8” x 3”
Installed louver profile: 2” x 2.873”
Louver spacing o.c.: 2.65”
Visibility: 100% direct visual screening.
Openness: 64%
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle

Aluminum Colors
Composite Colors
Vinyl Colors

SOLID SCREENING

PalmSHIELD architectural solid screen fencing is fully fabricated. It consists of full fabricated structural framed panels and individual columns. Incorporating our popular picture frame design, our panels are fabricated using proven structural aluminum profiles for the picture frame that supports the tongue and groove planks on all four sides. Everything is extruded to fit together using only on-site mechanical means to assemble. All aluminum components are media blasted and powdered coated. All gates are fully assembled.

SOLID **SCREENING**

Design: Tongue & groove
Height: Heights may vary based on design. Standard heights up to 8’

Post spacing:
Up to 72” based on standard design (Aluminum & Composite)
Up to 67” based on standard design (Vinyl)

Plank Options:
Aluminum (5 ½” wide planks, 1” thick)
Composite (5 ½” wide planks, 1” thick)
Vinyl (6” wide planks, 1” thick)

Aluminum Colors

Composite Colors

Vinyl Colors

AUGSTUS

Industrial

Design: Standard rectangular shape (composite) & Tongue & Groove (aluminum & vinyl)
Height: Heights may vary based on design. Standard heights up to 8’
Post Plates: 3” x 3” custom extruded structural post plated or extended for footings
Bottom Rail: 1” x 3” rectangular aluminum bottom rail
Top Rail: 3” x 3” T-shaped aluminum top rail
Post spacing:
Up to 72” based on standard design (Aluminum & Composite)
Up to 67” based on standard design (Vinyl)
Plank Options:
Aluminum (5 ½” wide planks, 1” thick)
Composite (5 ½” wide planks, 1” thick)
Vinyl (6” wide planks, 1” thick)

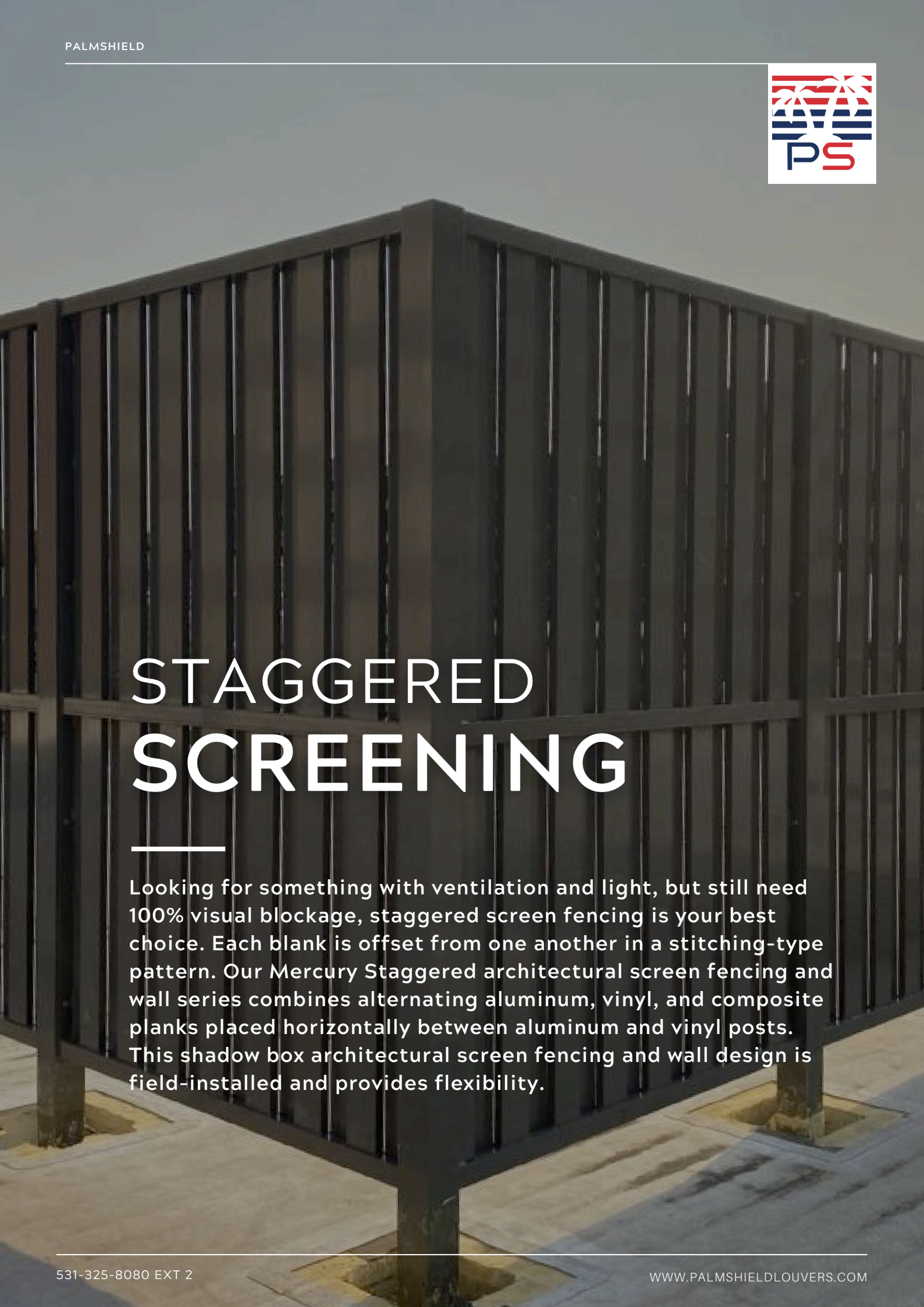
Aluminum Colors

Composite Colors

Vinyl Colors

MERCURY

Economical



STAGGERED SCREENING

Looking for something with ventilation and light, but still need 100% visual blockage, staggered screen fencing is your best choice. Each blank is offset from one another in a stitching-type pattern. Our Mercury Staggered architectural screen fencing and wall series combines alternating aluminum, vinyl, and composite planks placed horizontally between aluminum and vinyl posts. This shadow box architectural screen fencing and wall design is field-installed and provides flexibility.

STAGGERED **SCREENING**

Industrial

PALISADE HORIZONTAL

Post: 4” x 4” x 1/8” Aluminum
Top Cap: 3” x 2” rectangle tube
Bottom Cap: 3” x 2” rectangle tube
Panel width: Unlimited. Standard is 48” to 60”
Panel height: Unlimited. Standard is up to 12’
Installed plank profile: 1” x 6”
Plank spacing: 5” o.c.
Visibility: 100% visual screening from line of site.
Intermediate supports: Not required

Aluminum Planks
Plank dimensions: 1” x 6”
Composite planks
Plank dimensions: 1” x 6”
Vinyl planks
Plank dimensions: 1” x 6”

Aluminum Colors
Composite Colors
Vinyl Colors

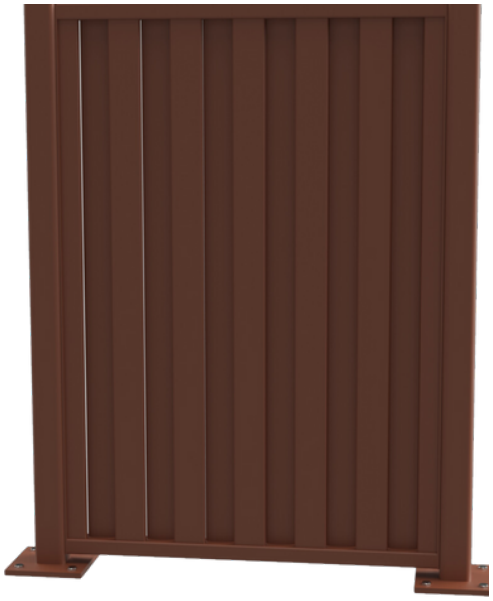
Industrial

PALISADE FORTRESS

Post: 4” x 4” x 1/8” Aluminum
Top Cap: 3” x 2” rectangle tube
Bottom Cap: 3” x 2” rectangle tube
Panel width: Unlimited. Standard is 48” to 60”
Panel height: Unlimited. Standard is up to 12’
Installed plank profile: 1” x 6”
Plank spacing: 5” o.c.
Visibility: 100% visual screening from line of site.
Intermediate supports: Not required

Aluminum Planks
Plank dimensions: 1” x 6”
Composite planks
Plank dimensions: 1” x 6”
Vinyl planks
Plank dimensions: 1” x 6”

Aluminum Colors
Composite Colors
Vinyl Colors



Economical

MERCURY STAGGERED

Posts: 4” x 4” x 1/8” aluminum
Visibility: 100% direct visual screening
Structure: Routed posts and horizontal planks
Panel width: Standard is 48” to 60”
Panel height: Standard is up to 72”
Aluminum planks
Plank dimensions: 1” x 5” aluminum
Plank spacing: 4 ¾” o.c.

Composite planks
Plank dimensions: 1” x 6” composite
Plank spacing: 5 1/2” o.c.
Vinyl planks
Plank dimensions: 1” x 6” vinyl
Plank spacing: 5 1/2” o.c.

Aluminum Colors
Composite Colors
Vinyl Colors

BRICK & STONE COLLECTION

PalmSHIELD and TexturePlus faux brick, stone and plank panels can complement and enhance the outward appearance of your building, mechanical screen fencing equipment, rooftop screen fencing, or other application. PalmSHIELD recognizes that many of our customers choose our product as it endures extreme heat and moisture caused by the equipment it is protecting. For this reason, we selected Texture Plus polymer panels as these unique panels have been tested and proven to withstand extreme heat and constant moisture without evidence of mold or mildew.

FOR ANY **MASONRY** EXTERIOR

FAUX BRICK PANELS

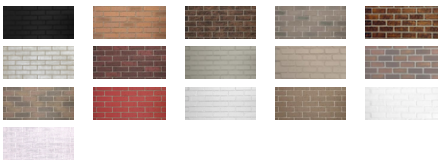
Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

ANTIQUE SELECT

CONTEMPORARY

TRI-STATE

MODERN



HISTORIC

WORN

RUSTIC

TUMBLED

SMOOTH

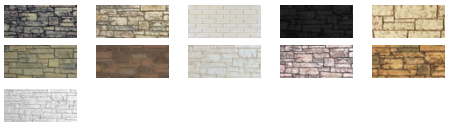
FOR ANY **MASONRY** EXTERIOR

FAUX STONE PANELS

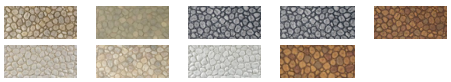
Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

STONEWALL

CAROLINA STONE



RIVERSTONE



SMALL RIVERSTONE

GIANT RIVER ROCK STONE

ASPHALT

BEACH SAND

NATURAL ROCK

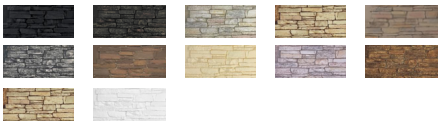
CINDER BLOCK

FOR ANY **MASONRY** EXTERIOR

FAUX STONE PANELS

Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

LEDGE



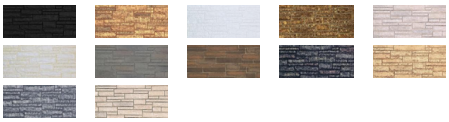
HANDCUT

GARDEN

CASTLE

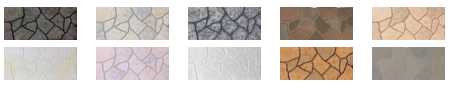
CLIFF

CARVED



CORAL BLOCK

FIELD



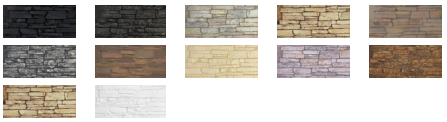
CUT GRANITE

FOR ANY **MASONRY** EXTERIOR

FAUX STONE PANELS

Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

LEDGE

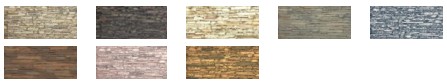


HANDCUT

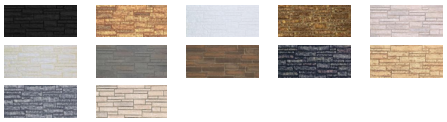
GARDEN

CASTLE

CLIFF

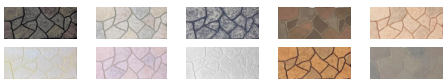


CARVED



CORAL BLOCK

FIELD



CUT GRANITE

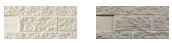
FOR ANY **MASONRY** EXTERIOR

FAUX STONE PANELS

Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

ROCK RANDOM

SPLIT FACE



CONTEMPORARY STACKED

DRY STACKED

STACKED

FOR ANY **MASONRY** EXTERIOR

FAUX CONCRETE PANELS

Height: Heights may vary based on design. Standard heights up to 8’
Post spacing: Up to 48” based on standard design

ASPHALT

BEACH SAND

CINDER BLOCK

SPLIT FACE

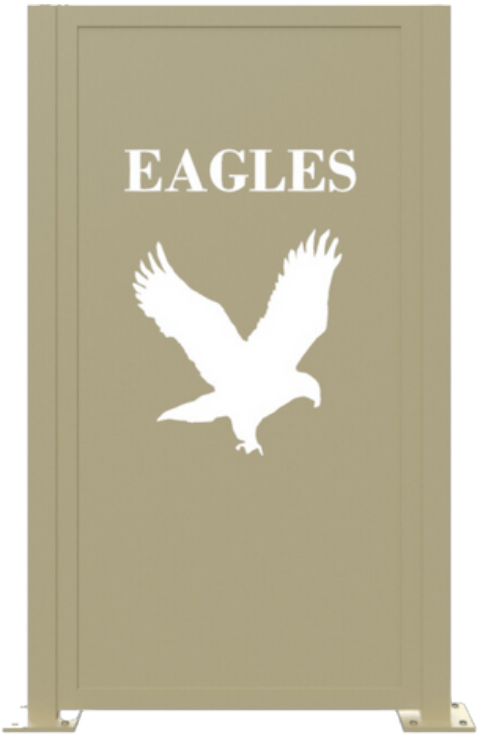
SMOOTH

ROUGH

ARCHITECTURAL ARTISTIC LASER CUT

PalmSHIELD's architectural open screen fencing is a work of artistry, design and engineering to provide a unique decorative architectural screen fencing and wall system for applications that require a more upscale design and a level of openness. Whether you select our decorative laser cut metal panels, decorative perforated or wire mesh system, we can complement and enhance the outward appearance of your building, mechanical screen fencing equipment, rooftop screen fencing, or other application.

THE **ULTIMATE** CUSTOM SCREEN



SYMBOL

Material: Aluminum
Infill: Solid laser cut sheet
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

OPAQUE

Material: Aluminum
Infill: Solid laser cut sheet
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

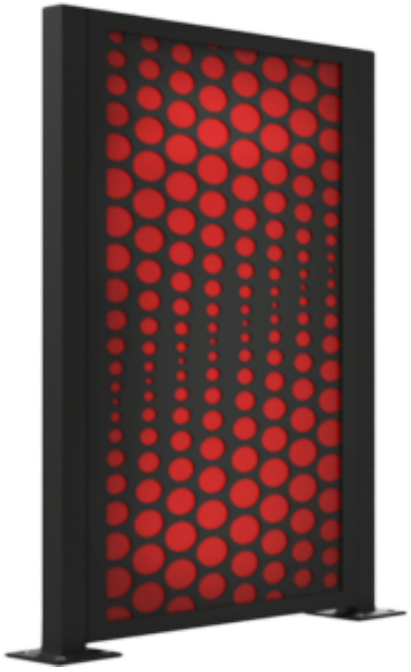
Available Colors

TRANSLUCENT

Material: Aluminum
Infill: Solid laser cut sheet
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

THE **ULTIMATE** CUSTOM SCREEN



LED BACKLIT

Material: Aluminum
Infill: Solid laser cut sheet
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

ARTISTIC

Material: Aluminum
Infill: Solid laser cut sheet
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

PLAYSAFE SCREEN WALL

PalmSHIELD's PlaySAFE playground screen fencing or wall solution is exactly what our playgrounds need to assure our children are kept safe and secure while providing an attractive complimentary privacy screen solution that compliments our playground equipment and adjoining building finishes. Playgrounds are creative environments for children to have fun, play, grow, learn, and socialize. These wonderful spaces should never pose a threat to our children.

PLAYSAFE SCREEN WALL

Material: Aluminum
Infill: 3/32” x 1” staggered is popular. A wide variety of options available. Please inquire
Openness: 80% +/-
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

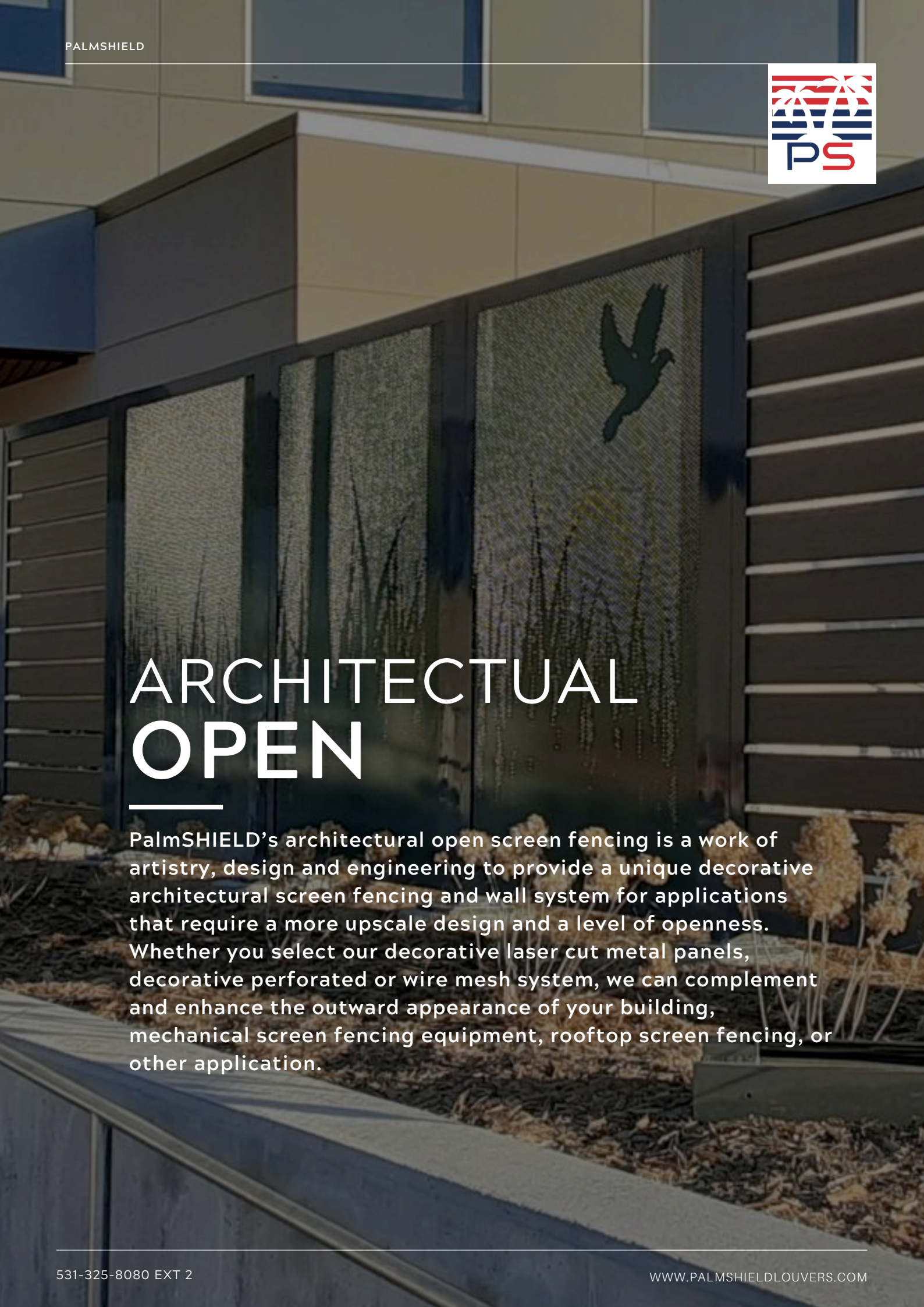
Button head stainless steel screws. No hex head.
4” square steel posts with round beveled ¾” beveled plates. No corners no sharp edges.
3” x 3” x ¼” structural aluminum angle framework
Solid lower infill 36” and lower to prevent climbing and visibility for smaller children three or younger.
Open semi-private upper infill with horizontal slates with openings not to exceed 1 ¾”.
Gates with lock sets at 48” heights.
Panic hardware, fire exit, and alarmed devices are available and factory installed.
Gate closures available and factory-installed.

ARTISTIC

SEMI-PRIVATE

SOLID

VEHICLE BARRIER



ARCHITECTUAL OPEN

PalmSHIELD's architectural open screen fencing is a work of artistry, design and engineering to provide a unique decorative architectural screen fencing and wall system for applications that require a more upscale design and a level of openness. Whether you select our decorative laser cut metal panels, decorative perforated or wire mesh system, we can complement and enhance the outward appearance of your building, mechanical screen fencing equipment, rooftop screen fencing, or other application.

ARCHITECTURAL OPEN

CHARLEMAGNE DECORATIVE PERFORATED

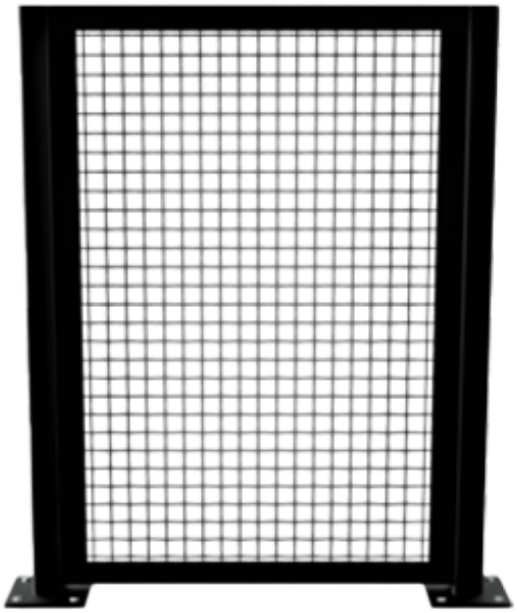
Material: Aluminum, carbon steel, galvanized steel, or stainless steel.
Infill: 3/32" x 1" staggered is popular. A wide variety of options available. Please inquire
Openness: 80% +/-
Vertical supports: 3" x 3" x ¼" angles
Top Cap: 3" x 3" x ¼" angle
Bottom Cap: 3" x 3" x ¼" angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48" to 60".
Panel height: Unlimited. Standard is up to 10'.

Available Colors

DANTE SQUARE WIRE MESH

Material: Aluminum, carbon steel, galvanized steel, or stainless steel.
Infill: 2" x 2" x ¼" woven crimped popular. A wide variety of options available. Please inquire
Openness: 95% +/-
Vertical supports: 3" x 3" x ¼" angles
Top Cap: 3" x 3" x ¼" angle
Bottom Cap: 3" x 3" x ¼" angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48" to 60".
Panel height: Unlimited. Standard is up to 10'.
Post and Panel Colors: Unlimited RAL Colors

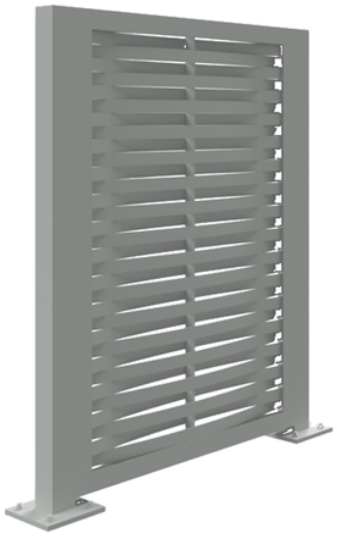
Available Colors



TRELLIS SCREENING

PalmSHIELD offers innovative solutions for architectural and commercial screen fencing. Our green trellis system creates a stunning living wall of plants, visible from both sides, with an open space for plants to thrive and create a natural green barrier. Additionally, our Athena Interlaced screen fencing combines the elegance of traditional basketweave with the strength and reliability of PalmSHIELD's engineered column and fully framed panel design, providing a beautiful and durable screen fencing option for commercial spaces.

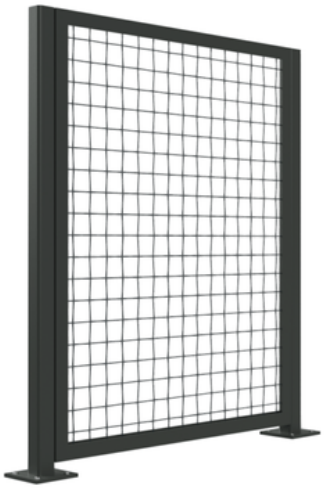
TRELLIS



INTERLACED

Material: Aluminum
Infill: Aluminum 1/4" X 2" Interlaced Screening Infill
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

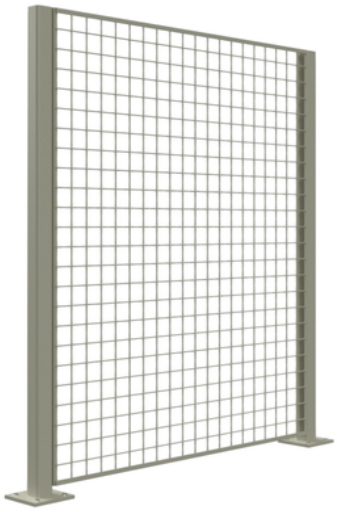
Available Colors



ESPALIER SINGLE

Material: Aluminum
Infill: 2"x2" wire, 4"x4" wire
Openness: Varies
Vertical supports: 3” x 3” x ¼” angles
Top Cap: 3” x 3” x ¼” angle
Bottom Cap: 3” x 3” x ¼” angle
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors



FILIGREE SINGLE

Material: Aluminum
Infill: 2"x2" wire, 4"x4" wire
Openness: Varies
Vertical supports: 3” x 1”
Structure: PalmSHIELD exclusive fully framed.
Panel width: Unlimited. Standard is 48” to 60”.
Panel height: Unlimited. Standard is up to 10’.

Available Colors

ARCHITECTURAL GATES

PalmSHIELD MAXIMUS gate collection is the ultimate solution for highly visible industrial fence screening applications when appearance matters. The MAXIMUS industrial swing gate collection is the extreme industrial gate solution incorporating our double gate framework design. Our MAXIMUS industrial swing gates resemble bank vault doors with our 4” x 2” tubular outer framework encapsulating our 3” x 3” interior angle framework. This is an industrial gate design when aesthetics are critical.

ARCHITECTURAL GATES

SWING GATES

Single and Double

Louvered
Solid
Semi-Private
Open & Interlaced

Widths: Standard widths are 10', 12', 16' & 20'. We offer unlimited opening sizes based on our engineering.
Heights: Standard heights are 6', 8', & 10'. We offer unlimited height sizes based on our engineering.
Frame: 3" x 2" Structural tubular U-shape tube.

Aluminum Colors
Composite Colors
Vinyl Colors

TIGER SLIDE GATES

Widths: Standard widths are 10', 12', 16' & 20'. We offer unlimited opening sizes based on our engineering.
Heights: Standard heights are 6', 8', & 10'. We offer unlimited height sizes based on our engineering.
Counterbalance: On cantilever slide gates, it is equal to half the opening width. On overhead and ground track systems, add 10% to the opening width.
Frame: All of our gates are engineered to your type, size, and width.

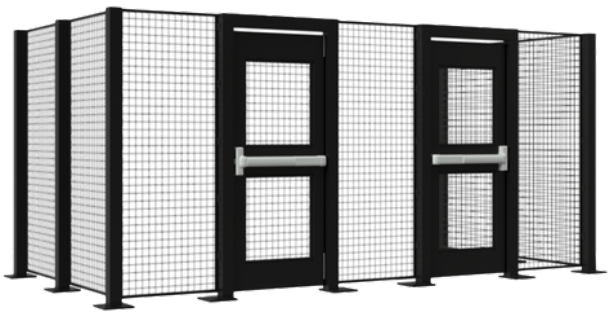
Louvered
Solid
Semi-Private
Open & Interlaced

Aluminum Colors
Composite Colors
Vinyl Colors

PEDESTRIAN GATES & SURROUNDS

PalmSHIELD VULCAN full-height pre-hung pedestrian swing gate is a proven solution for security applications involving high traffic. Our Vulcan pedestrian swing gate is the perfect solution for K-12, high education, stadiums, apartments, assisted living, manufacturing, food related industries and arenas. Vulcan swing gates are fully customizable with options for panic bars, automatic closures, keyless entry, position switch and other automated access control devices.

PEDESTRIAN SURROUNDS

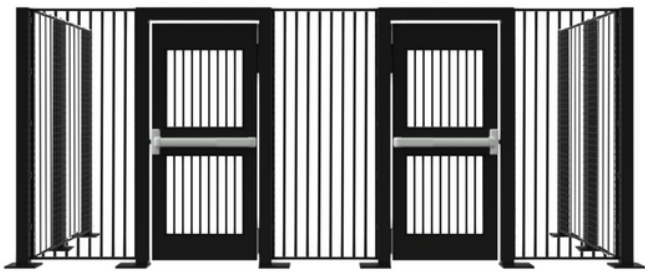


WIRE MESH

- Wide range of infill materials
- Wide range of powder-coated finishes
- Electric strike, hydraulic closures, panic bars, position switch & keyless entry available
- Custom heights and widths
- Standalone or in series with any PalmSHIELD screening

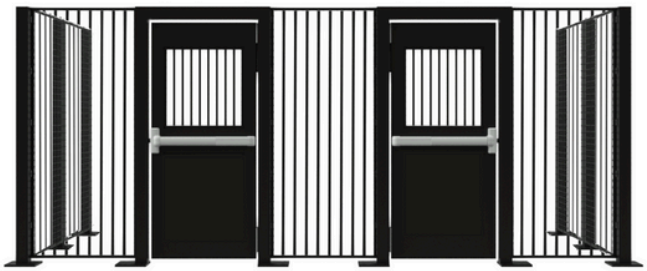
BAR GRATING

- Wide range of infill materials
- Wide range of powder-coated finishes
- Electric strike, hydraulic closures, panic bars, position switch & keyless entry available
- Custom heights and widths
- Standalone or in series with any PalmSHIELD screening



ORNAMENTAL

- Wide range of infill materials
- Wide range of powder-coated finishes
- Electric strike, hydraulic closures, panic bars, position switch & keyless entry available
- Custom heights and widths
- Standalone or in series with any PalmSHIELD screening



PICKET SOLID

- Wide range of infill materials
- Wide range of powder-coated finishes
- Electric strike, hydraulic closures, panic bars, position switch & keyless entry available
- Custom heights and widths
- Standalone or in series with any PalmSHIELD screening

INDUSTRIAL GATES

PalmSHIELD builds thousands of industrial slide gates and swing gates each year. Each and every gate is fabricated to our customers' unique requests. From a single 150' long slide gate at one of our nation's largest airports to a four thousand pound ornamental decorative slide gate protecting one of our nation's largest data centers to any swing gate in your backyard, we have you covered.

INDUSTRIAL **GATES**

INDUSTRIAL

Top Track: The frame(s) and track(s) are to be fabricated from aluminum extrusions (6061-T6). Single track applications provide an upper track that weighs 5.15# / foot. Double track applications provide an upper track that weighs 11.916# / ft.
Vertical Uprights: The vertical uprights shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions.
Diagonal Bracing. Diagonal "X" bracing of 3/16" or 1/4” diameter stainless or galvanized steel cable shall be installed throughout the entire gate frame.
Bottom Track: The bottom track shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions. For openings greater than 25’, the bottom track shall be a minimum of 2” x 5” x 3.12# / foot.

Available Colors

BOXED FRAMED

Top Track: The frame(s) and track(s) are to be fabricated from aluminum extrusions (6061-T6). Single track applications provide an upper track that weighs 5.15# / foot. Double track applications provide an upper track that weighs 11.916# / ft.
Vertical Uprights: The vertical uprights shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions.
Diagonal Bracing. Diagonal "X" bracing of 3/16" or 1/4” diameter stainless or galvanized steel cable shall be installed throughout the entire gate frame.
Bottom Track: The bottom track shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions. For openings greater than 25’, the bottom track shall be a minimum of 2” x 5” x 3.12# / foot.

Available Colors

HEAVY DUTY

Top Track: The frame(s) and track(s) are to be fabricated from aluminum extrusions (6061-T6). Single track applications provide an upper track that weighs 5.15# / foot. Double track applications provide an upper track that weighs 11.916# / ft.
Vertical Uprights: The vertical uprights shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions.
Diagonal Bracing. Diagonal "X" bracing of 3/16" or 1/4” diameter stainless or galvanized steel cable shall be installed throughout the entire gate frame.
Bottom Track: The bottom track shall be a minimum of 2” x 2” x 1.12#/ foot (6063-T6) aluminum extrusions. For openings greater than 25’, the bottom track shall be a minimum of 2” x 5” x 3.12# / foot.

Available Colors

ACCESS CONTROL+

We provide a streamlined approach to automated access control slide gate systems. Our Integrated Systems include the following:

- Complete slide gate drawings showing the installed gate and gate operator.
- Gate operator installation drawing and complete performance specifications.
- Gate, gate operator, and access control equipment layout drawing.
- System electrical requirements and layout drawing showing all required wiring.
- Dimensioned drawing showing all equipment and loop locations.
- Full written specifications covering gate, gate operator, and access control equipment.

COMPLETE **GATE** AND AUTOMATED **ACCESS CONTROL** SYSTEM

Chain Link - Single or Double Track

Ornamental Flat Top - Single or Double Track

ACCESS+

Operator

Heater

Photo Eyes

Obstruction Loop Detector

Free Exit Loop Detector

Reversing Edges

Entry Keypad

DUMPSTER ENCLOSURES

PalmSHIELD's architectural solid screen walls and louvered enclosures are designed to contribute to your overall property's appearance. Keep up property aesthetic by covering dumpsters and making them inaccessible to the public. Retail, commercial, or multi-family residential, your facility will require trash disposal. That means one or several on-site dumpsters. Typical fencing will not do. Your dumpster enclosure should be constructed of fence screens that complement your facilities envelope. PalmSHIELD's dumpster enclosures are pre-engineered to meet waste management standards and to complement your building's finishes.

BEST **ENCLOSURES**

ENCLOSURE SIZE

SINGLE DUMPSTER

DOUBLE DUMPSTER

TRIPLE DUMPSTER

ATLAS

ASIA

AJAX

ACHILLES

ARIA

TIBERIUS

STAGGERED

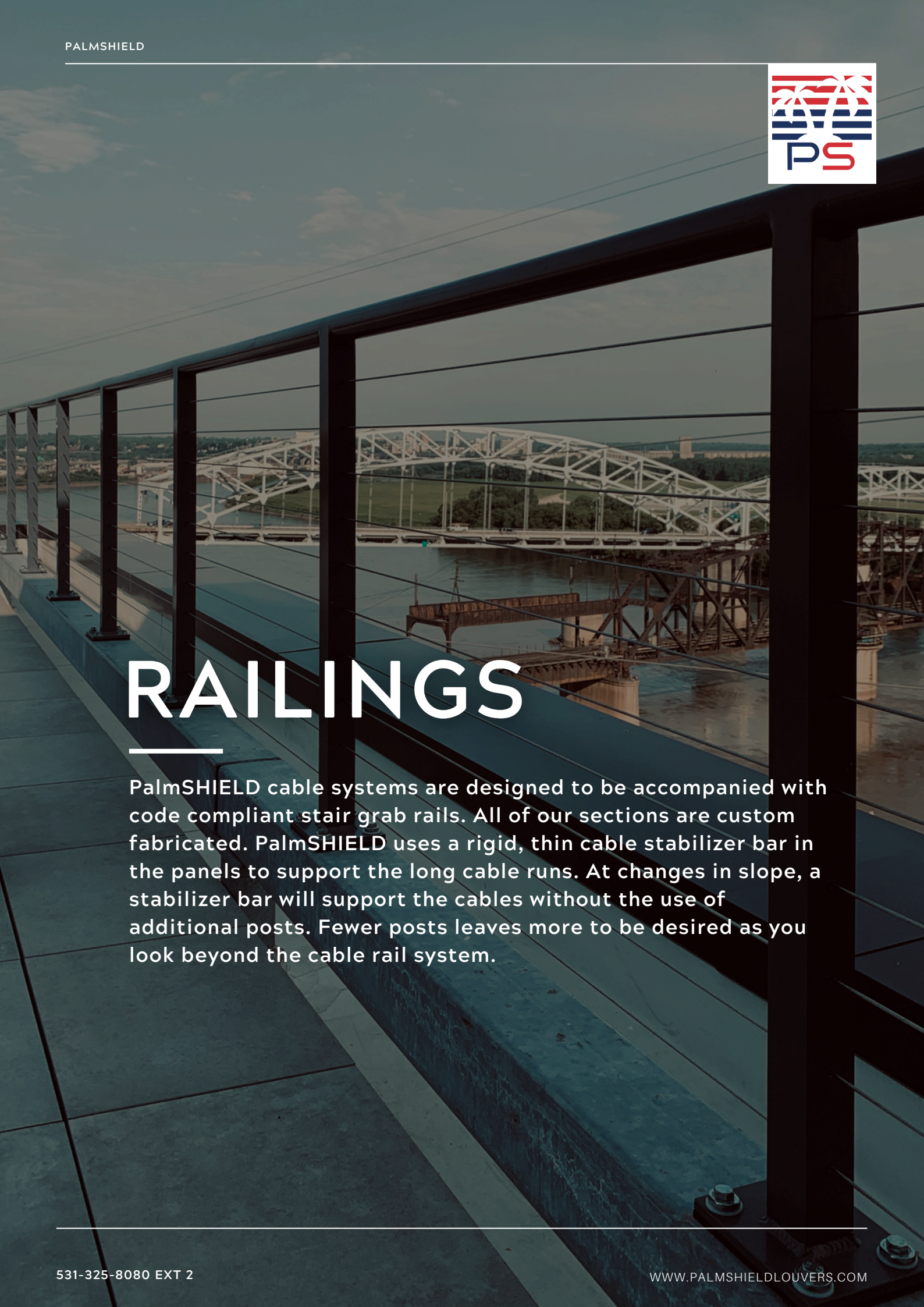
SOLID

DECORATIVE PERFORATED

SQUARE MESH

ARTISTIC LASER CUT

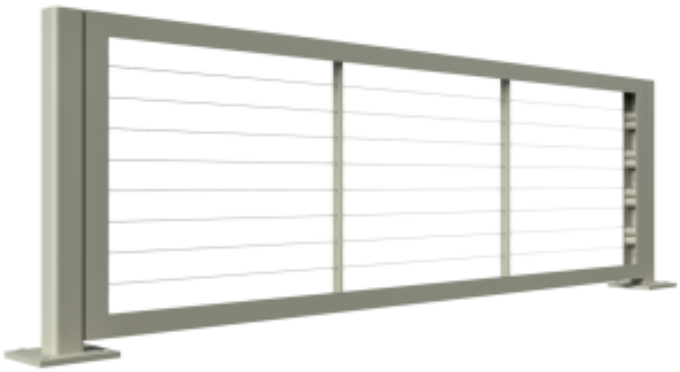
SYMBOL LASER CUT



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.

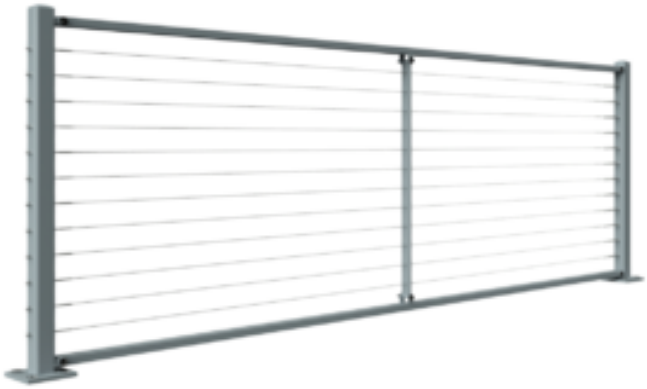
HIGH CLASS **RAILINGS**



ATTILA

Material: Aluminum framework. Stainless steel cable and hardware.
Cable Thickness: 1/8” to 3/16”
Height: Typical 36” - 42”
Width: Individual panels may be 20’ in length.

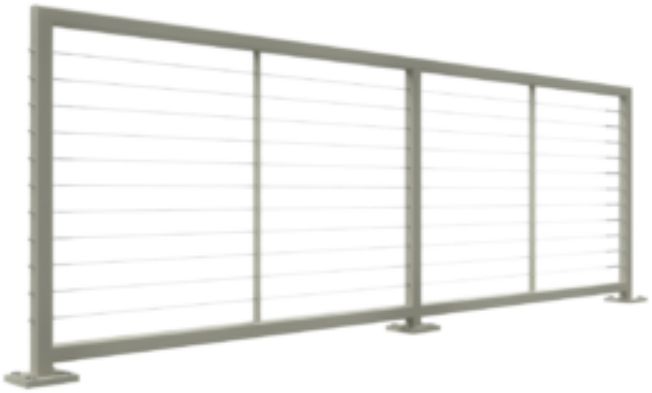
Available Colors



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.

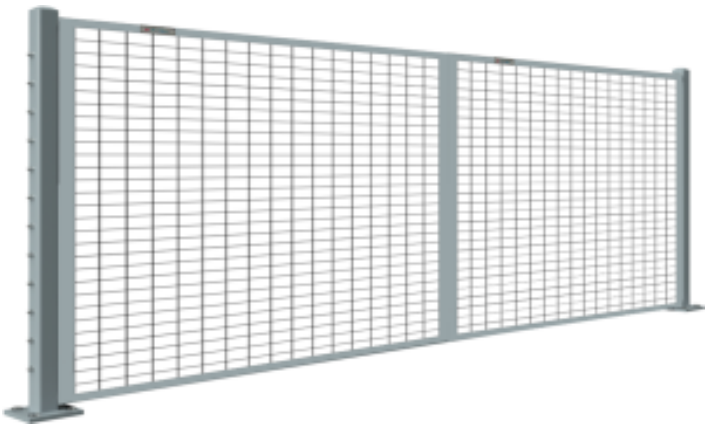
Available Colors



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



MACHIAVELLI

Material: Stainless, galvanized steel
Cable Bearings: 1″ - 1-1/2″ wide x 1-3/16″ spacing
Height: 36″ - 42″
Width: Full panel widths up to 20′

Available Colors

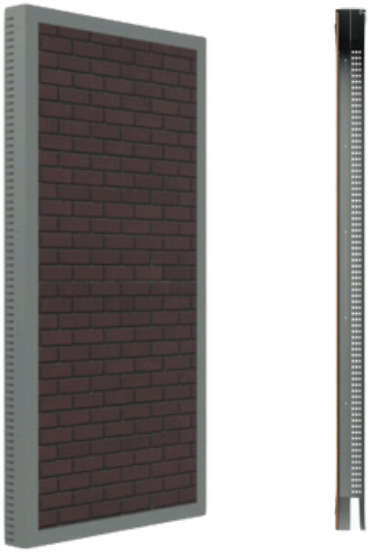
ACOUSTIC PANELS

Mechanical equipment screen fencing should not only provide an appealing security enclosure. Architectural equipment screen fencing should also support reducing the wave energy generated by sound and electromagnetic waves produced by this equipment. PalmSHIELD's Silere Acoustic panel system is designed to provide architecturally appealing finishes while reducing noise from beyond the enclosure. The Silere Acoustic panel system compliments any of our architectural screen fencing options with layers of state of the art noise reducing materials and design while still providing affordable solutions. All of our acoustical panels incorporate ACOUSTICAL SURFACES, INC.® Silk Metal micro-perforated aluminum sound absorber panels that reduce echo and sound reflections.

SILERE ACOUSTIC PANELS

FULL AIR FOIL ACOUSTIC LOVERS

SEMI AIR FOIL ACOUSTIC LOVERS



ACOUSTIC SOLID LOVERS

ROOFTOP SYSTEMS

The last few years have witnessed increasing demand for high quality rooftop screen fencing. What many architects and engineers look for these days is a barrier system designed to withstand heavy wind loads while matching the aesthetics of the surrounding building finish. PalmSHIELD's rooftop mounting system has a proven track record as both a replacement for existing screen fencing and as additional facility screen fencing. Our system consists of rooftop mounting rails, angled kickers and hardware, and cantilevered support brackets – the whole forming a sturdy, aesthetically beautiful product suitable for many applications.

ROOFTOP MOUNTING SYSTEM

ROOFTOP SCREEN WALL OPTIONS

A1000 Equipment Rail

PalmSHIELD's A1000 Equipment Rail is designed giving consideration to meeting structural performance, a wide variety of rooftops, easily sealed to prevent roof leaks and custom patterns for attachment.

Diagonal Supports

Diagonal supports include column-mounted pivot and rail-attached pivot brackets and aluminum tubular diagonal supports. The diagonal supports are attached to the pivot brackets with stainless steel bolts.

Rooftop Equipment Cantilevered Supports

When there is no opportunity to connect the screen fence to the rooftop due to a lack of structural support, you may be able to attach the screen fence directly to the mechanical equipment. This is determined according to whether the equipment features an external structural skeleton for this type of attachment. PalmSHIELD will work directly with you to design a cantilevered truss system that matches and attaches to this structure. The cantilevered trusses extend from the equipment and attach directly to the screen fencing. This may be done at each column or alternating based on the screen fencing type and demands.

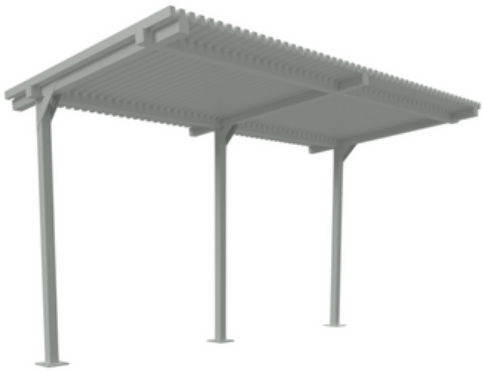
PALMSHADE

Our pre-engineered aluminum shade structures are designed for sustainability and maintenance free living. We design our shades, canopies and pergolas based on a series of simple engineering principles which in turn allows us the flexibility to customize our system within those limits and guidelines. Customization and options are more standard than the exception for PalmSHADE & PalmSHIELD.

PALMSHADE

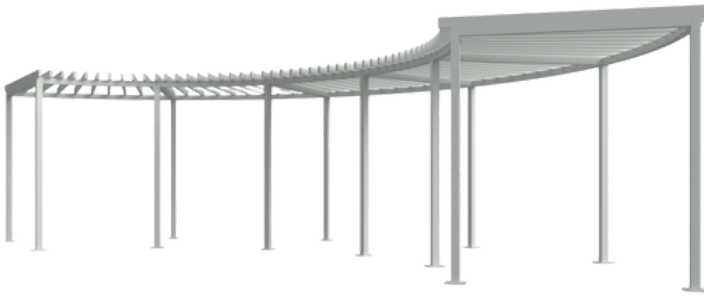
ARUNA

Available Colors



ATEN

Available Colors



HORUS

Available Colors

INTI

Available Colors

PALMSHADE

MARICI

Available Colors

MITHRA

Available Colors

RAVI

Available Colors

PALMSHADE

SAVITUR

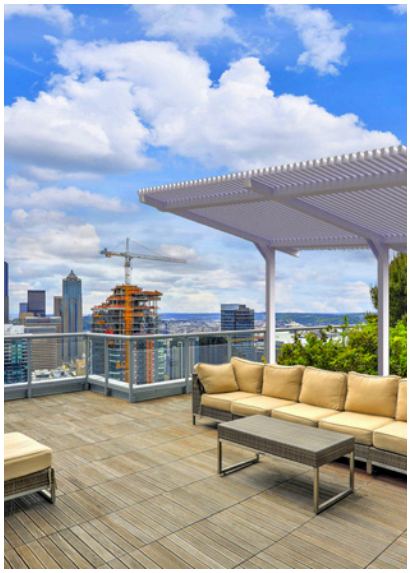
Available Colors

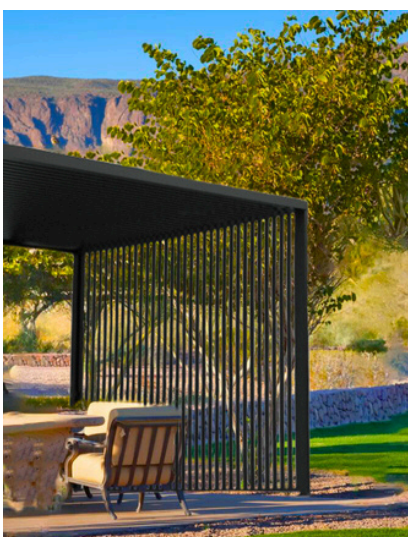
SOL

Available Colors

SURYA

Available Colors





PalmSHIELD