

ARCHITECTURAL PANELS

Ready-to-Install Panels

METAL
SPACES
A division of Viva Railings, LLC.



VIVA RAILINGS
LEADERS IN ARCHITECTURAL RAILING SYSTEMS



Panel Selection Considerations

- **Application Type:**

Panels can be used for shade, screening, cladding, facades, signage, and branding elements.

- **Panel Span Between Supports:**

Choosing the right thickness ensures proper load distribution and control deflection.

- **Fastening Method:**

Pre-configured brackets, fasteners, and modular mounting systems simplify installation

- **Pattern Geometry:**

Intricate cut patterns affect structural integrity and may influence thickness selection

- **Material Selection :**

Correct material selection for interior or exterior location.
Correct Material selection needs to be made for weather environment on exterior applications.



Benefits & Features

- **Rust Resistant:**
Ideal for exterior and high-humidity environments.
- **Versatile Applications:**
Suitable for facades, screens, shade structures and more.
- **Customizable:**
Available in various thicknesses and cut patterns
- **Sustainable:**
100% recyclable, eco-friendly
- **Lightweight & Strong:**
Easy to install while maintaining structural integrity



Architectural Impact, Engineered to Last

From concept to completion - MetalSpaces Architectural Panels provide the look you want and the performance you need.

Ready-to-Install Panels No Additional Fabrication Needed	1	Hassle-Free Installation for Contractors & Builders	2	Versatile Options for Applications Across various Commercial Needs	3	High-Quality Materials & Finishes for Long-Lasting Performance	4	Cost-Effective & Time-Saving Solution	5	Customization Without Complication	6
Pre-Configured for Easy Installation Panels arrive ready to mount with pre-drilled holes, fasteners, and engineered brackets, eliminating the need for additional modifications. Flat or Single-Fold Options – Available in flat or pre-bent designs for added dimension and stability. Modular & Scalable – Perfect for single-panel installations or large-scale multi-panel projects.		Fast & Efficient Setup Designed to be installed by your team, reducing labor costs and project delays. Universal Mounting System Compatible with standard post, wall, or railing mounting methods. Precision Engineering Panels are cut to exact specifications, ensuring perfect alignment and structural integrity		Privacy Screens & Dividers Separation panels for indoor and outdoor spaces. Decorative Facades Transform building exteriors Garage Screening Sun Control & Shade Structures Reduce glare and heat gain Retail & Hospitality Add a modern, artistic touch to spaces Signage & Branding Elements Integrate logos, graphics, or text into architectural design.		Durable Metal Choices Available in aluminum, stainless steel, or steel. Premium Powder Coat & PVDF Finishes UV-resistant coatings ensure color longevity and weather resistance. Laser-Cut Precision Intricate patterns and designs with consistent cut quality and sharp detailing.		No On-Site Fabrication Required Reduces installation complexity and time. Bulk Order Discounts Scalable production ensures competitive pricing. Low Maintenance & High Durability Designed for long-term performance with minimal upkeep		Choose from a Library of Patterns Select from our extensive design collection or request a fully custom pattern. Pre-Configured Hardware Options Select from multiple bracket and mounting solutions for the best fit.	



Contractor-Trusted. Architect-Approved.

GENERAL CONTRACTORS

Supply-only, schedule-sensitive,
install-ready product

Prefabricated panels — reduce install time and field labor
Short lead times and consistent delivery schedules
No specialty trades required for installation
Flat-pack delivery with labeled hardware and brackets
Budget-friendly for large-scale or multi-phase projects
Mounts to standard framing systems
Comprehensive install guides and drawings provided
CAD & Revit files for coordination
Warranty and tech support included
Quick shop drawings and quotes

SPECIFYING ARCHITECTS

Design flexibility, material specs, and finish options

Variety of laser cut patterns and styles.
Custom patterns.
Customizable panel sizes and geometries
Durable powder coat, wood-look, PVDF, or anodized finishes
Full CAD & BIM support for design integration
Product data sheets with material and structural specs
LEED-friendly material options
Spec sheet download (.doc & .pdf formats)
Finish sample requests available
Design inspiration gallery and case studies
Lunch & Learn or virtual product intro

SUB-CONTRACTORS

Fast, simple installation
with minimal tools or fabrication

Easy-to-install
Pre-drilled panels and bracket kits
Lightweight panels
Quick handling and positioning
Standardized bracket system
Panel layout drawings for field teams
Installer quick-start guide and tools list
Compatible with common substrates
Minimal field modification required
On-call support during installation
Downloadable shop drawings
Request bracket samples or hardware kits



Aluminum

Panel Thickness, Weight & Span Guidelines		Recommended Applications	Size
Thickness	Weight (lbs/sf)	Best Used For	Nominal Inches
1/8"	1.8	Architectural Screens, Commercial shade structures, Ceilings, Cladding with mid-panel support	48x48
3/16"	2.6	Architectural Screens, Commercial cladding, Privacy screens, Wider-span shade structures	48x60
1/4"	3.5	Wider-span shade structures, Heavy-duty screening applications. Structural facade elements, Large-scale shade structures,	48x96
			48x120

Finish Options

Powder Coat AAMA-2604

Powder Coat AAMA-2605

CeraShield - Ceramic Paint

Anodized

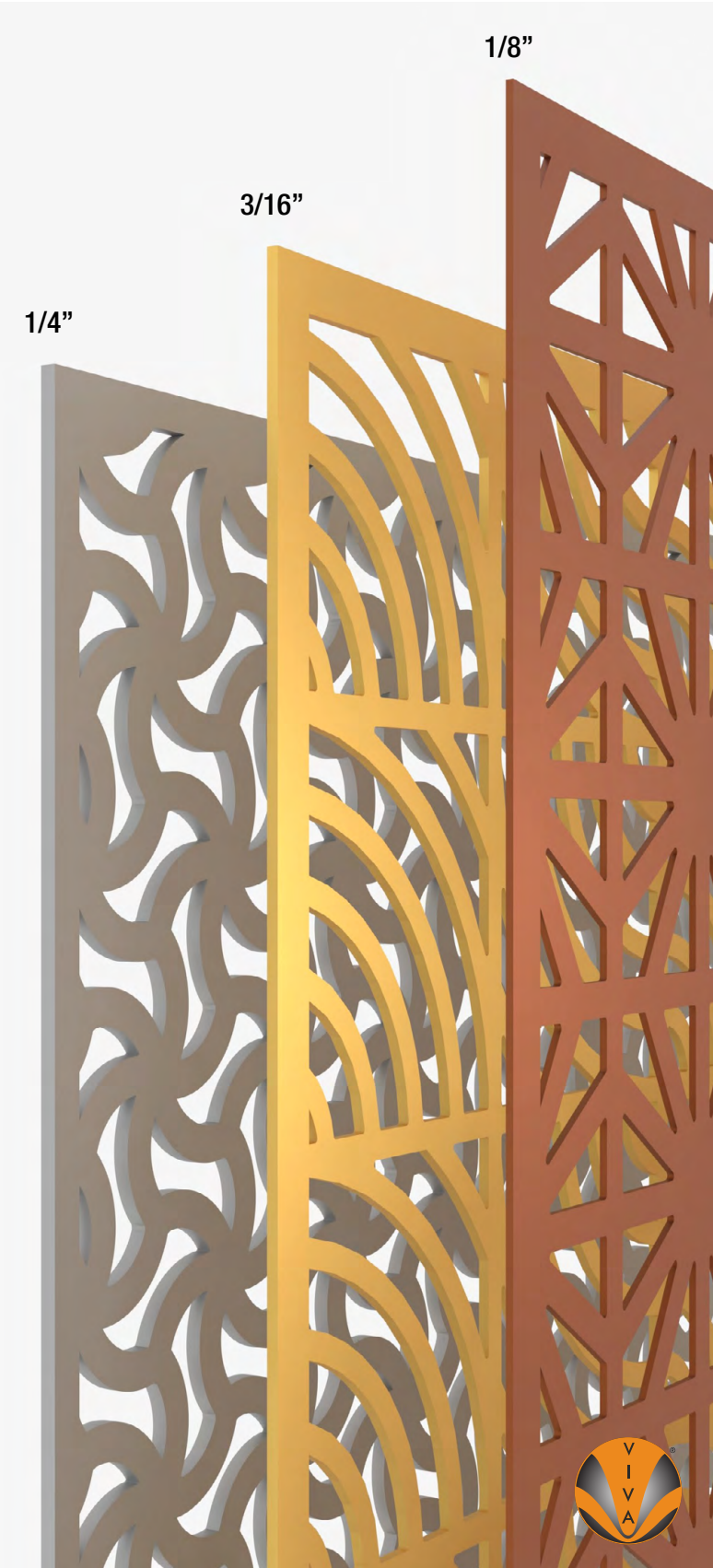
Material & Properties

Aluminum Alloy: 5052-H32 Series

- 100% Recyclable
- Rust Resistance
- Call for larger panels sizes, custom panels sizes and thickness



Aluminum Panels



Stainless Steel

Panel Thickness, Weight & Span Guidelines		Recommended Applications
Thickness	Weight (lbs/sf)	Best Used For
14 GA	3.15 lbs/sf	Interior screen , Interior dividers, cladding

*General guidance. Can be impacted by geographic location, installed setting. (ground versus rooftop, panel design)

SIZE
Nominal Inches
48x48
48x60
48x96
48x120

Finish Options

Satin Brushed Finish

Material & Properties Stainless Steel

- 100% Recyclable
- Rust Resistance
- Call for larger panels sizes, custom panels sizes and thickness

Carbon Steel

Panel Thickness, Weight & Span Guidelines		Recommended Applications
Thickness	Weight (lbs/sf)	Best Used For
14 GA	3.125 lbs/sf	Commercial shade structures , Cladding with mid-panel support Wider-span shade structures , Commercial cladding , Privacy screens Large-scale shade structures, Heavy-duty screening applications, Structural facade elements
11GA	4.375 lbs/sf	

*General guidance. Can be impacted by geographic location, installed setting. (ground versus rooftop, panel design)

SIZE
Nominal Inches
48x48
48x60
48x96
48x120

Finish Options

Zinc Rich Primer & Powder Coat AAMA-2604

Mill Finish

CeraShield - Ceramic Paint

Material & Properties Carbon Steel

- 100% Recyclable
- Rust Resistance
- Call for larger panels sizes, custom panels sizes and thickness



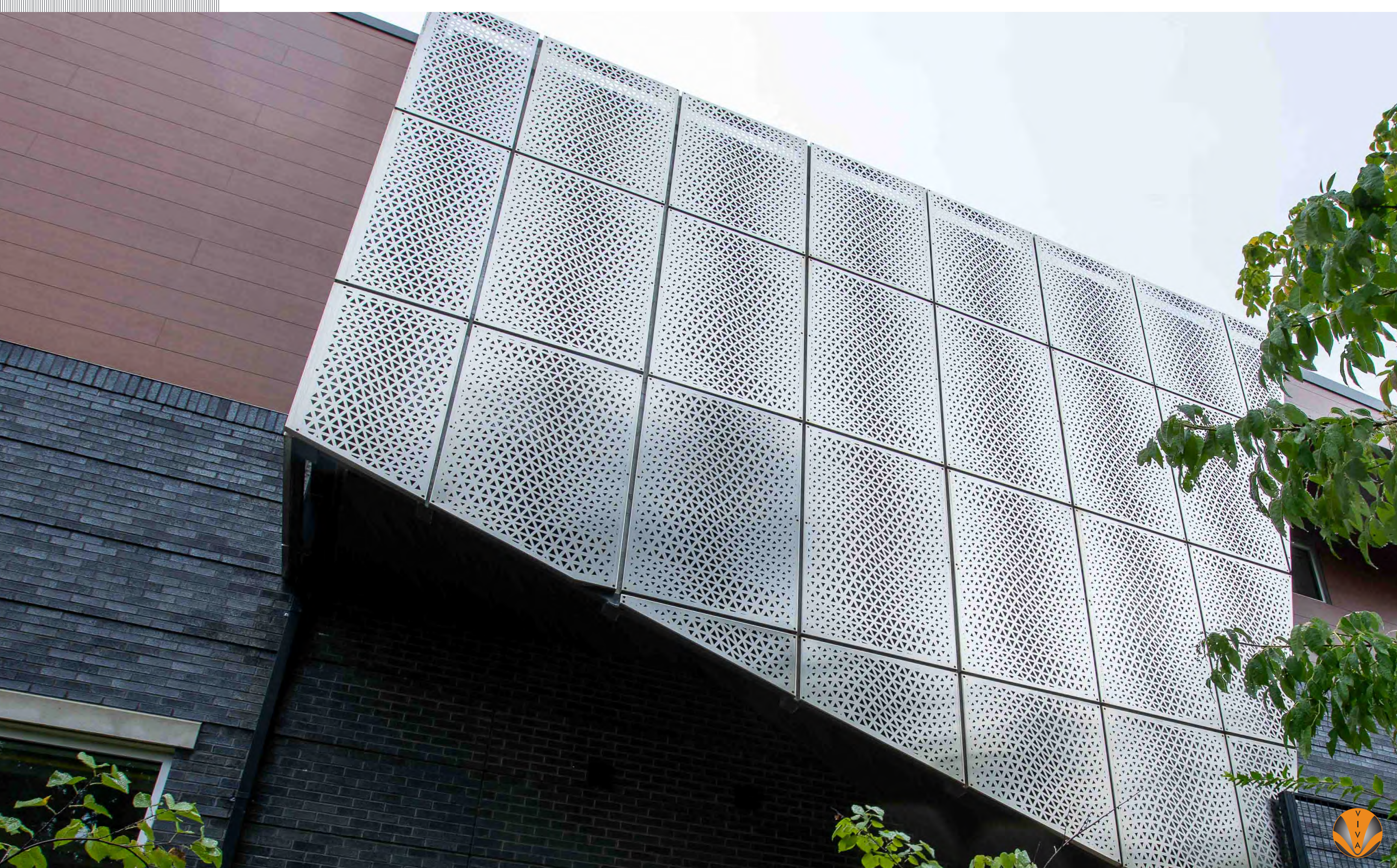
Mount Type and Applications (FT Series-Flat)

Mount Type	Recommended Applications	Panel Bracket Type	Panel Hardware	Bracket Anchor Details	Required Support Type	Size - Nominal Inches
FT-100 Direct Mount to support structure	Walls, screens, canopies, trellis, ceilings and fence. Exterior and Interior direct mount to support structure with 3" face minimum	N/A	Exterior application - one screw @ 8" to 12" max O/C. Interior application - one screw @ 24" O/C max.	N/A	(By others or may furnish on request) Standard tube, Tee shapes, Angles, Channels no holes.	48x48 48x60 48x96 48x120
FT-101 Direct Mount to Hat or Z channel	Walls, screens and ceilings. Exterior and Interior direct mount to Hat or Z channel mounted to wall or ceilings. Center member is required.	N/A	Exterior application - one tek screw @ 12" max O/C. Interior application - one tek screw @ 24" O/C max.	N/A	(By others or may furnish on request) Hat Channel, Zee Channel	
FT-102 Offset Fork Bracket	Walls, screens, canopies and trellis. Exterior and Interior Offset 2" from structure. Mount to wall or tube with 1-1/2" face min.	BFT102xx Offset 2" Fork Bracket @ 24" O/C max.	Tek Screws 1/4 x 1 per bracket (1 on Corners Brackets), (2 on Edge brackets) & (4 on Mid Brackets)	(1) per bracket. Substrate: metal 1/4 Tek screws, wood 1/4 screws , concrete Tapcon 1/4 screws	(By others) Standard tube, Angles, Channels no holes.	
FT-103 Stand-off	Walls. Exterior and Interior Offset 1" from structure. Mount to wall or tube with 1-1/2" face min.	BFT103 stand-off @ 24" O/C max.	(1) BSHCS 1/4 x 1/2 screw per stand-off.	(1) per bracket. Substrate: metal 1/4 Tek screws, wood 1/4 screws , concrete Tapcon 1/4 screws	N/A	
FT-104 Flat Bracket Mount	Walls, screens, canopies and trellis. Exterior and Interior mount to wall or tube with 1-1/2" face min.	BFT104xx flat plate bracket @ 24" O/C max.	Acorn nuts to attach to bracket studs. (1 on Corners Brackets), (2 on Edge brackets) & (4 on Mid Brackets)	(1) per bracket. Substrate: metal 1/4 Tek screws, wood 1/4 screws , concrete Tapcon 1/4 screws	N/A	

Mount Type and Applications (FD Series-Fold)

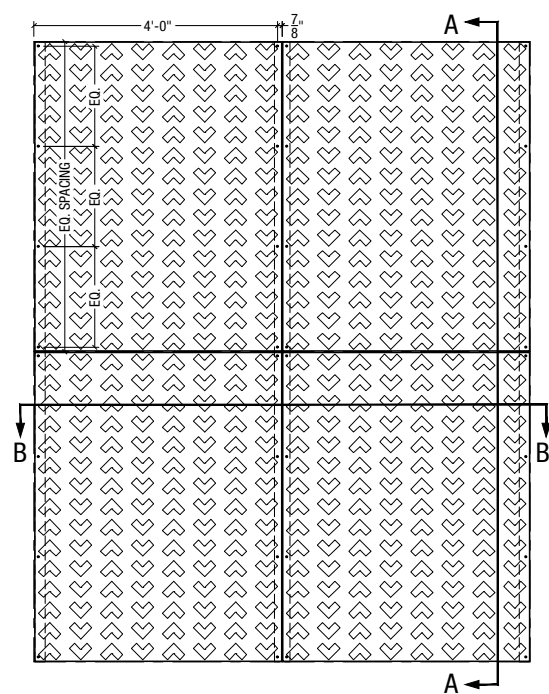
Mount Type	Recommended Applications	Panel Bracket Type	Panel Hardware	Bracket Anchor Details	Required Support Type	Size - Nominal Inches
FD-202 Offset Fork Bracket	Walls and screens. Exterior and Interior Offset 3" from structure. Mount to wall or tube with 1-1/2" face min.	BFD202xx Offset 3" Fork Bracket @ 32" O/C max	Tek Screws 1/4 x 1 per bracket (1 on Corners Brackets), (2 on Edge brackets) & (4 on Mid Brackets)	(1) per bracket. Substrate: metal 1/4 Tek screws, wood 1/4 screws, concrete Tapcon 1/4 screws	(By others or may furnish on request) Standard tube, Angles, Channels no holes.	48x48 48x60 48x96 48x120



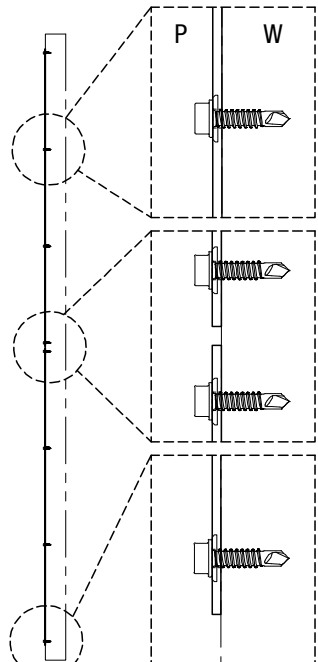


Mounting Options 1/3

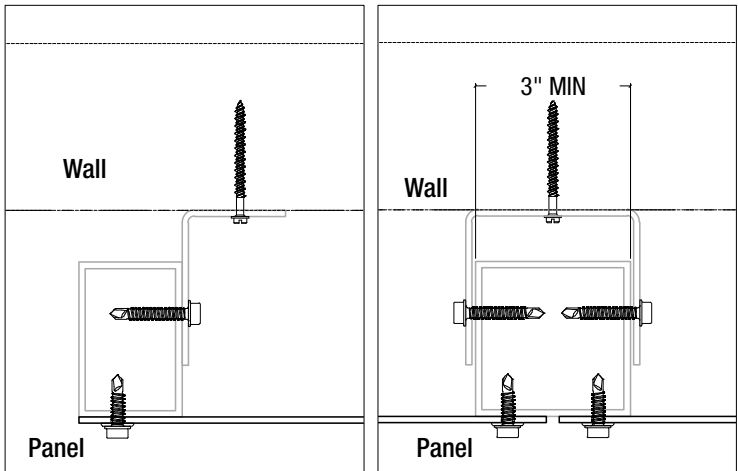
FT-100 DIRECT MOUNT



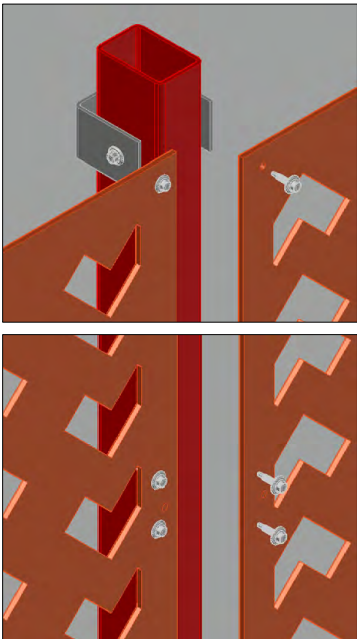
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment

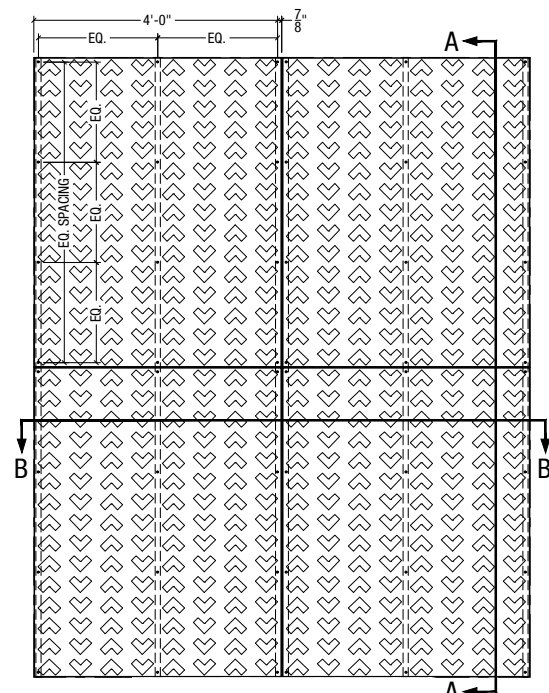


Mounting Bracket Section (B-B)
Plan View

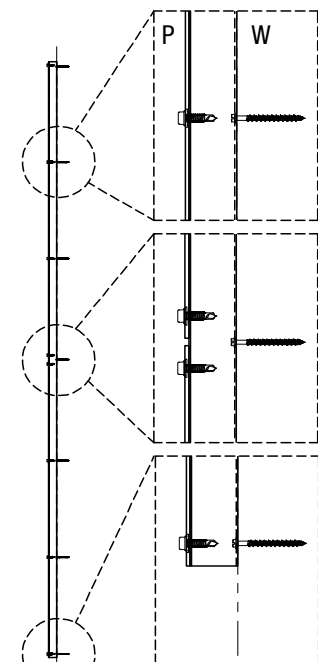


3D Visualization
Assembled Mounting

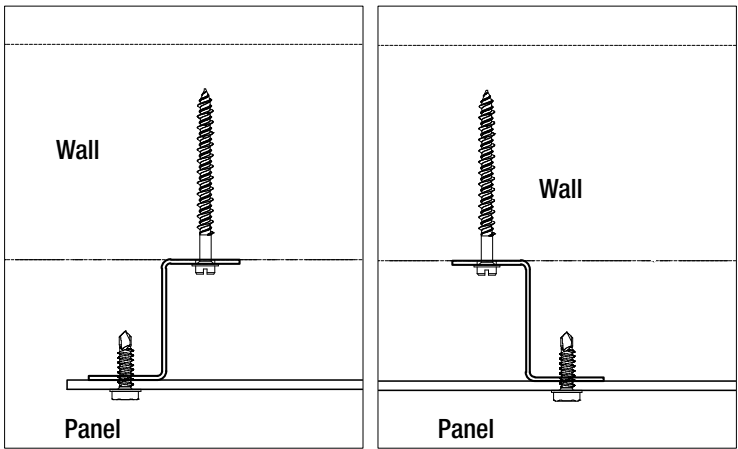
FT-101 DIRECT MOUNT



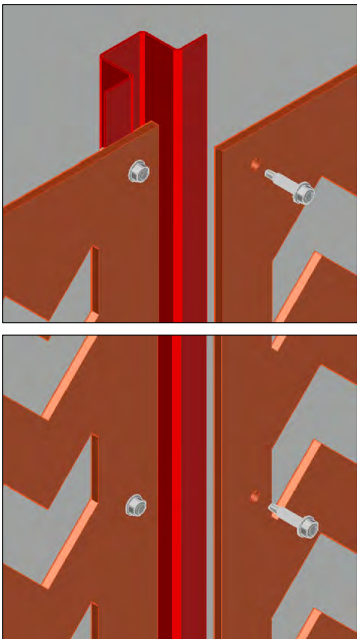
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment



Mounting Bracket Section (B-B)
Plan View

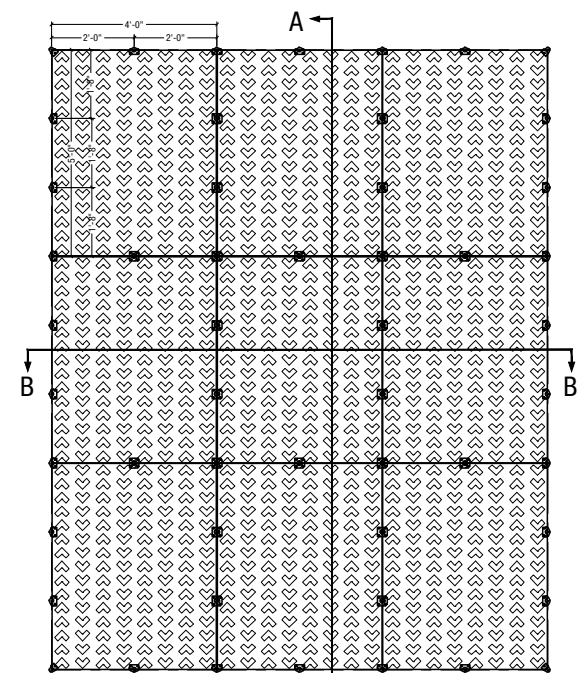


3D Visualization
Assembled Mounting

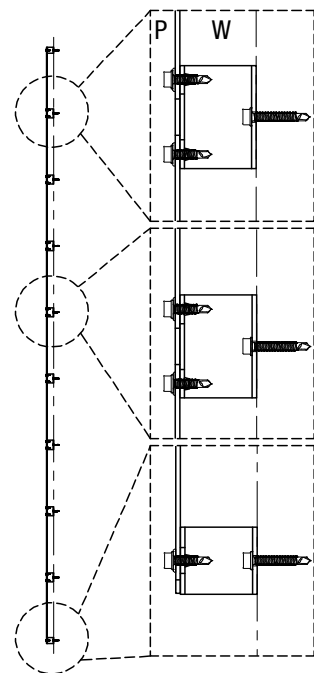


Mounting Options 2/3

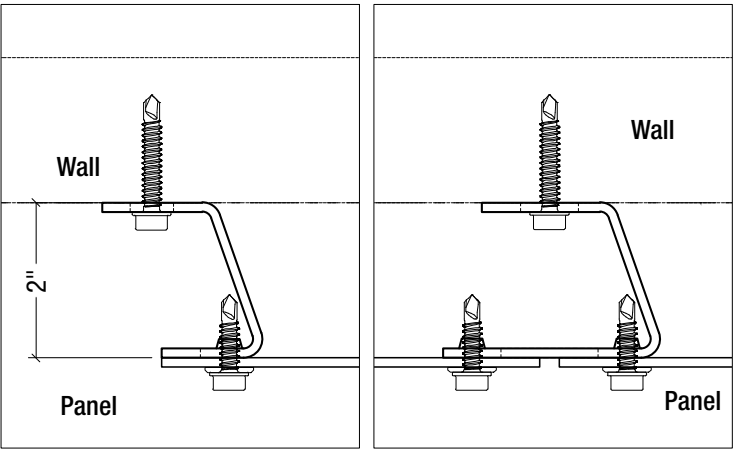
FT-102 OFFSET FORK BRACKET



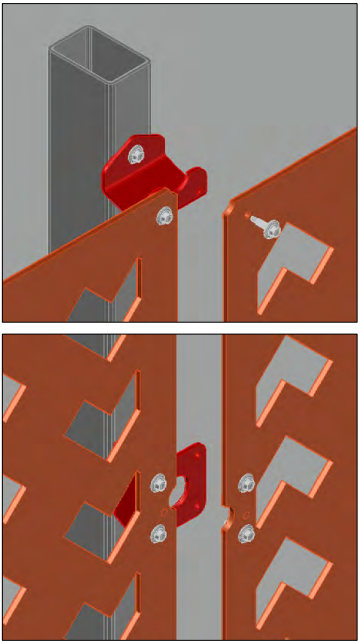
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment

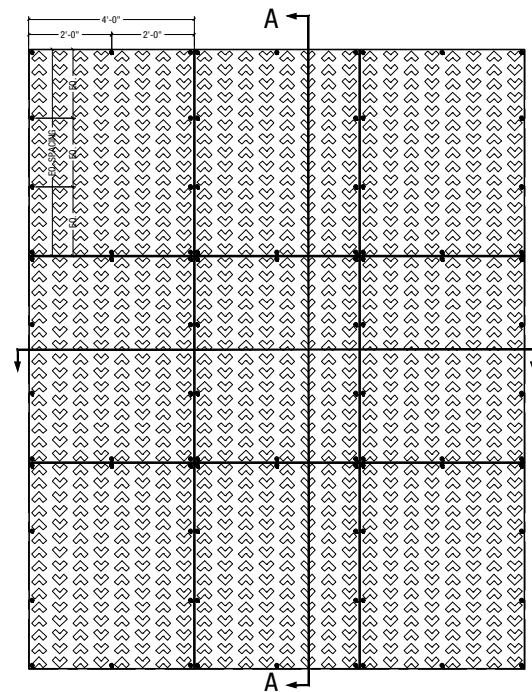


Mounting Bracket Section (B-B)
Plan View

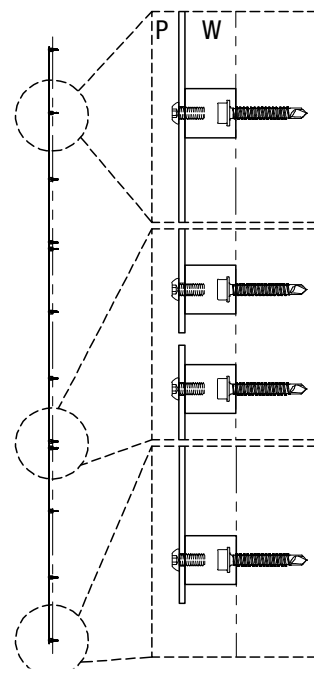


3D Visualization
Assembled Mounting

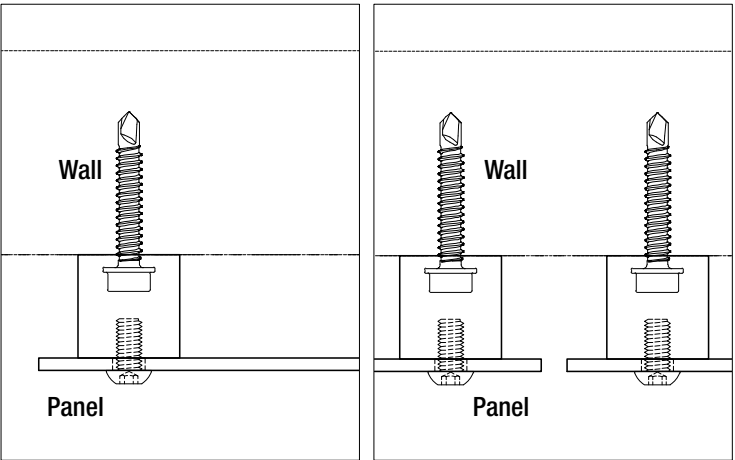
FT-103 STAND-OFF



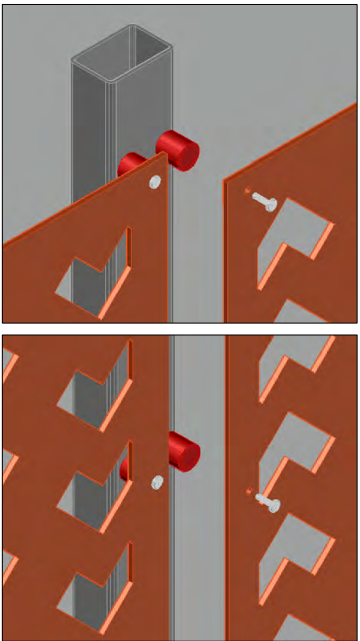
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment



Mounting Bracket Section (B-B)
Plan View

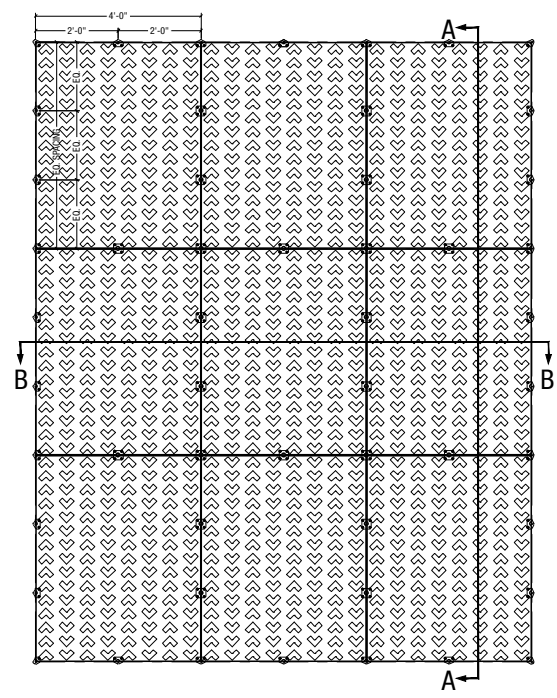


3D Visualization
Assembled Mounting

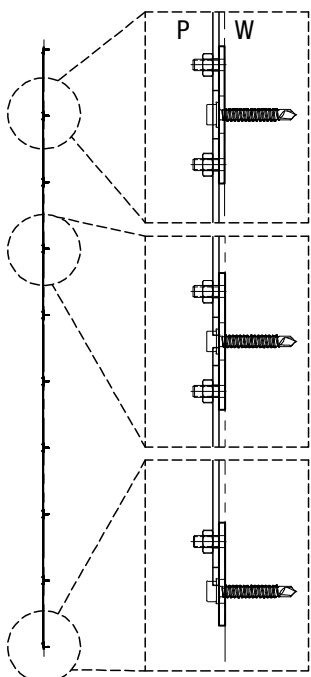


Mounting Options 3/3

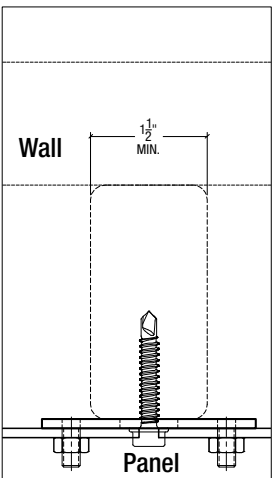
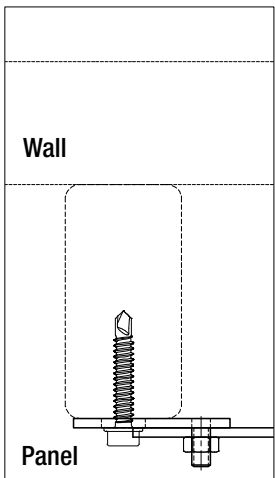
FT-104 FLAT BRACKET MOUNT



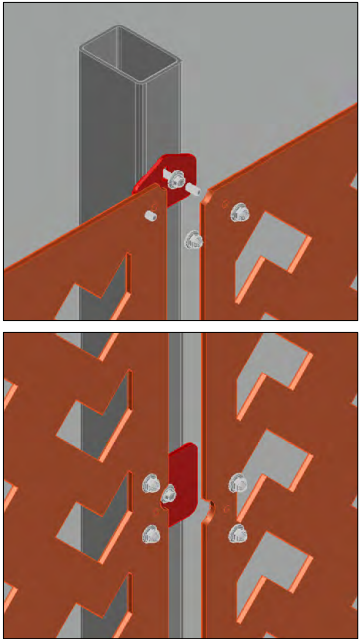
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment

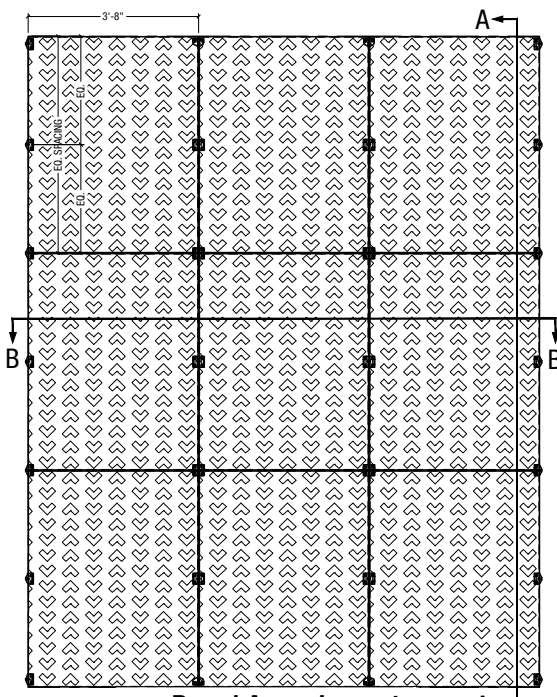


Mounting Bracket Section (B-B)
Plan View

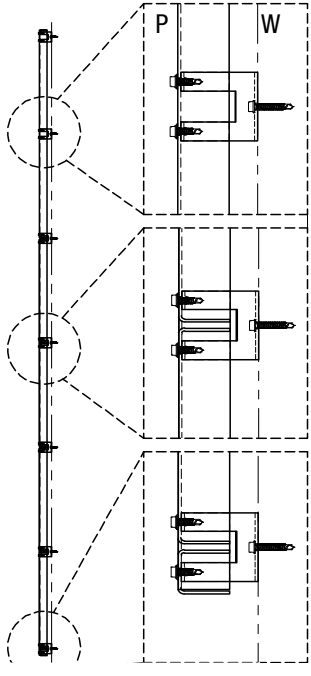


3D Visualization
Assembled Mounting

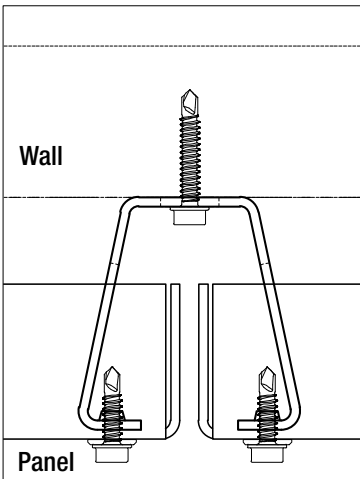
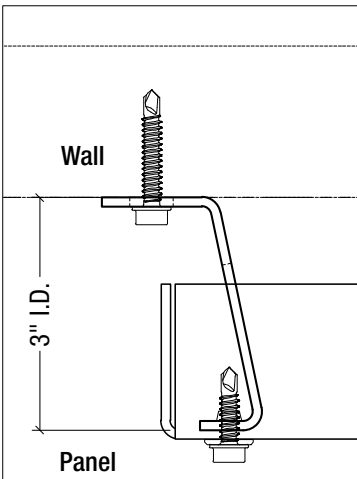
FD-202 OFFSET FORK BRACKET



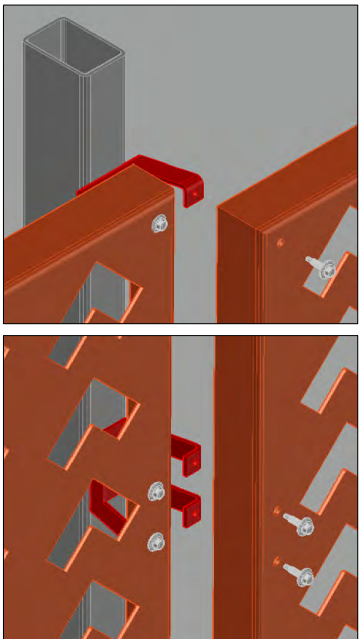
Panel Array Layout
Elevation View



Fastener Section Detail (A-A)
Vertical Alignment



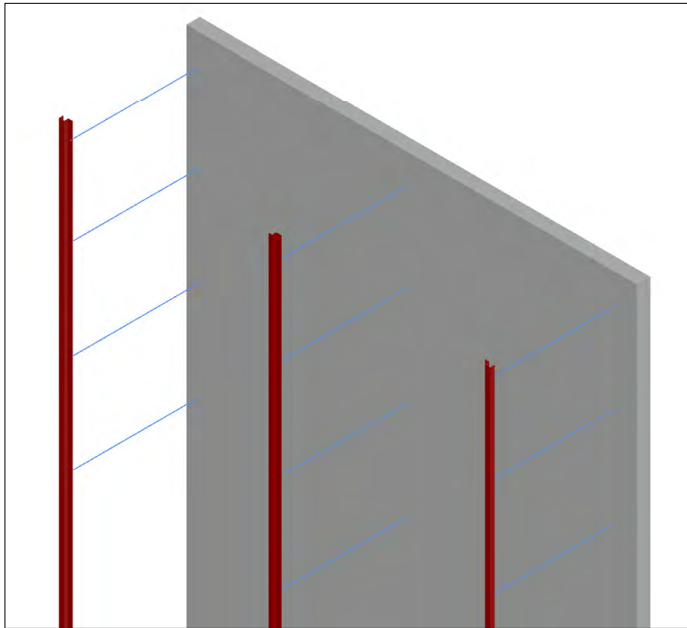
Mounting Bracket Section (B-B)
Plan View



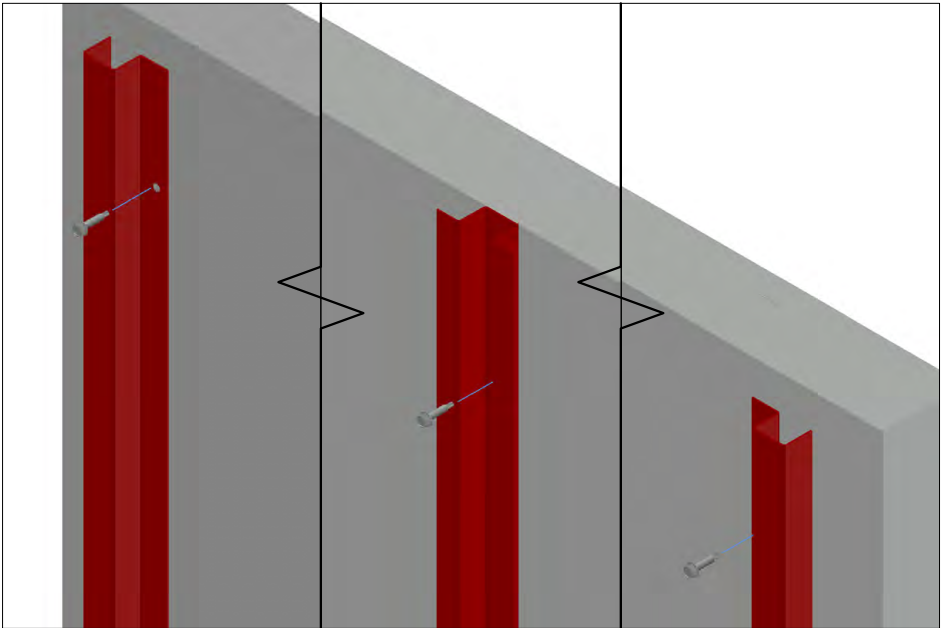
3D Visualization
Assembled Mounting



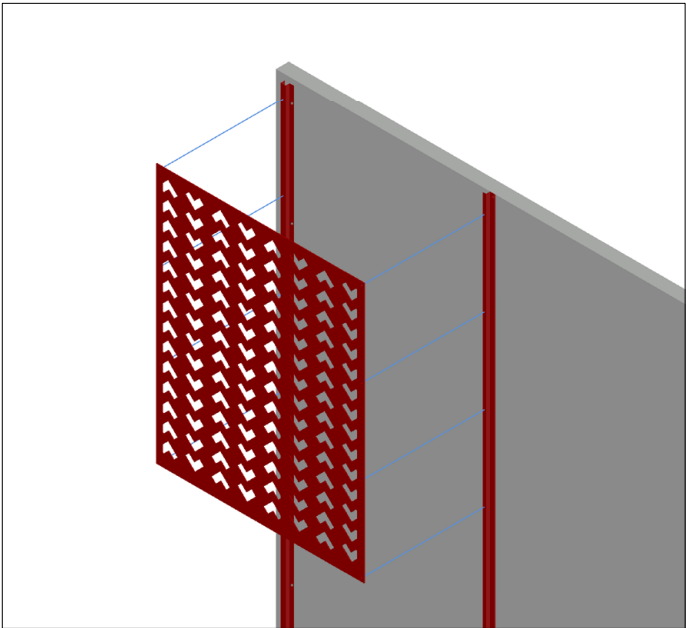
Installation Details



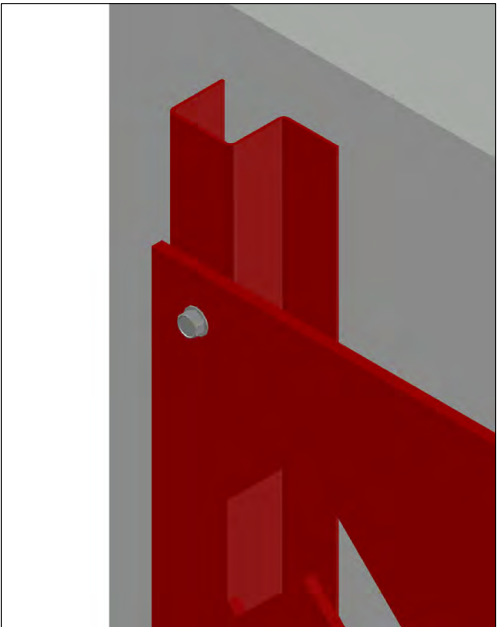
1
Frame Layout Preparation
Align and mark locations for support channels on the mounting surface.



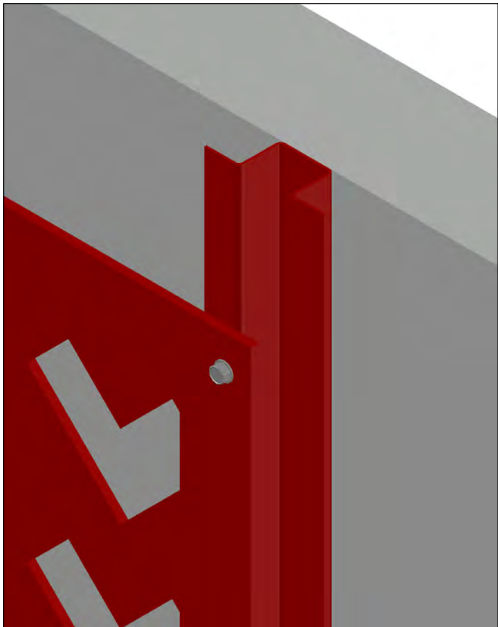
2
Support Channel Installation
Secure support channels to the wall using appropriate fasteners.



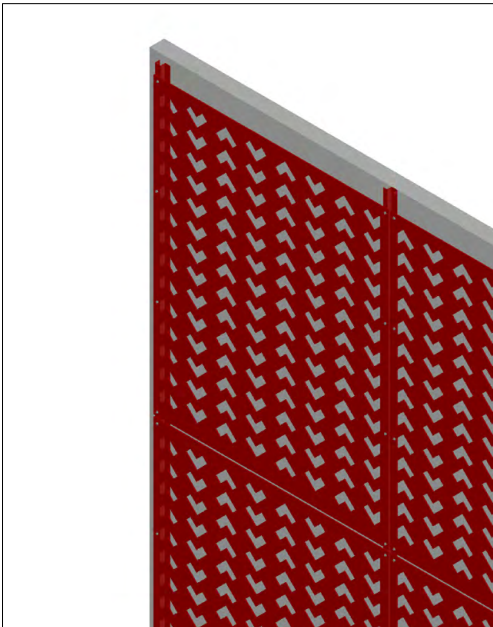
3
Panel Positioning
Align the architectural panel with the installed support channels for mounting.



4
Initial Panel Fastening
Insert the fasteners through panel into the support channel to start securing.



5
Final Panel Fastening
Ensure all fastening points are engaged for a secure and stable attachment.



6
Final Panel Fastening
Ensure all fastening points are engaged for a secure and stable attachment.



Pattern Collections

Design Intent Meets Precision Craftsmanship:

At MetalSpaces, we believe that architectural metal panels are more than just cladding—they are a medium for expression, identity, and performance. Our pattern collections bring together the best of design, engineering, and fabrication to deliver visually compelling surfaces that perform as beautifully as they look.

Whether your project demands bold geometry, organic flow, or refined modernism, our curated catalog of patterns offers unmatched flexibility and architectural distinction. Each design is precision-cut using advanced laser technologies, ensuring consistency, structural integrity, and creative freedom.

Primary

Modern, linear, and minimal—these patterns bring structure and rhythm to contemporary architecture. Ideal for commercial facades, partitions, and railing infills.

Geometric

Symmetry meets complexity. These tessellated or grid-inspired motifs create bold focal points in exterior screens, public installations, or branded environments.

Organic

Nature-inspired perforations designed to soften structural elements. Great for biophilic design strategies in public spaces, education, healthcare, and mixed-use projects.



Primary Patterns

The Primary Patterns collection features a versatile range of designs that balance simplicity and elegance. These patterns incorporate linear, grid-like, and modern perforations, making them ideal for contemporary architectural applications. Whether used for partitions, railing infills, or facades, these patterns provide a sleek and refined appearance.

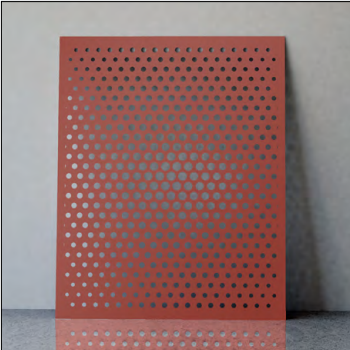
PP - 01 PALLADIAN



PP - 02 RAMIE



PP - 03 SCHOTTISCHE



PP - 04 KALYPTRA



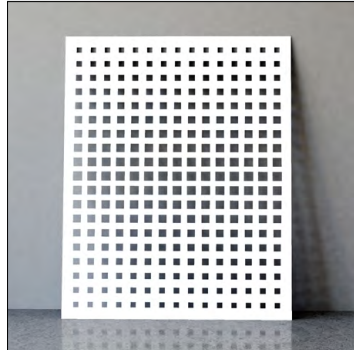
PP - 05 OCTAN



PP - 06 RIQQ



PP - 07 LATTEN



PP - 08 MASCLE



PP - 09 LENO



PP - 10 LACIS



PP - 11 NEXAL



PP - 12 NOEMA



PP - 13 NOVALIA



PP - 14 DAGERAAD



PP - 15 DARBY



PP - 16 RADIX



PP - 17 HASTATE



PP - 18 QUADRAL



PP - 19 FAVIFORM



PP - 20 HALITOUS



PP - 21 ONDOYANT



PP - 22 CABAS



PP - 23 GRAMARIE



Geometric Patterns

The Geometric Patterns category highlights intricate, structured designs inspired by mathematical and symmetrical formations. These patterns range from tessellated motifs to complex interwoven shapes, offering a bold and dynamic aesthetic. Ideal for projects requiring a striking visual impact, these panels can be used in exterior facades, screens, and architectural dividers.

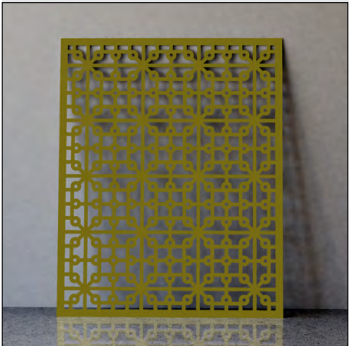
PG - 01 CESTA



PG - 02 XIRIIR



PG - 03 VESPER



PG - 04 NAVETTE



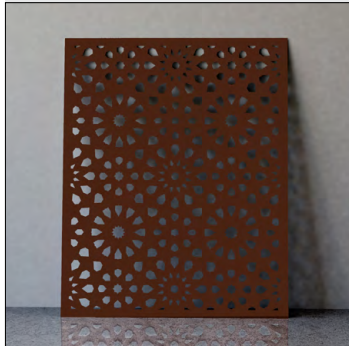
PG - 05 MAKAF



PG - 06 TROKUT



PG - 07 STRALEND



PG - 08 CHRILI



PG - 09 HANZAT



PG - 10 ESAGANO



PG - 11 BINYA



PG - 12 MACKSA



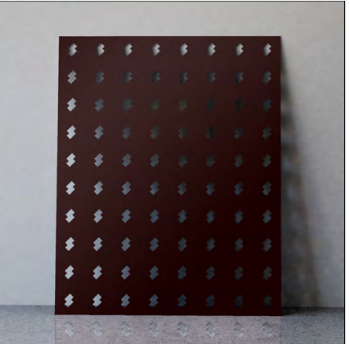
PG - 13 IBBANG



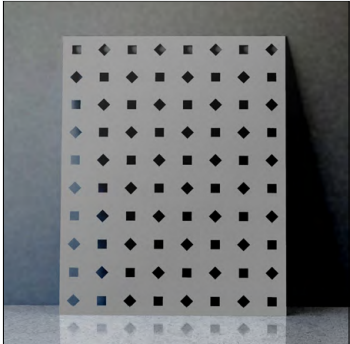
PG - 14 GARIS



PG - 15 MUNJA



PG - 16 SKAYARA



PG - 17 XAROMAR

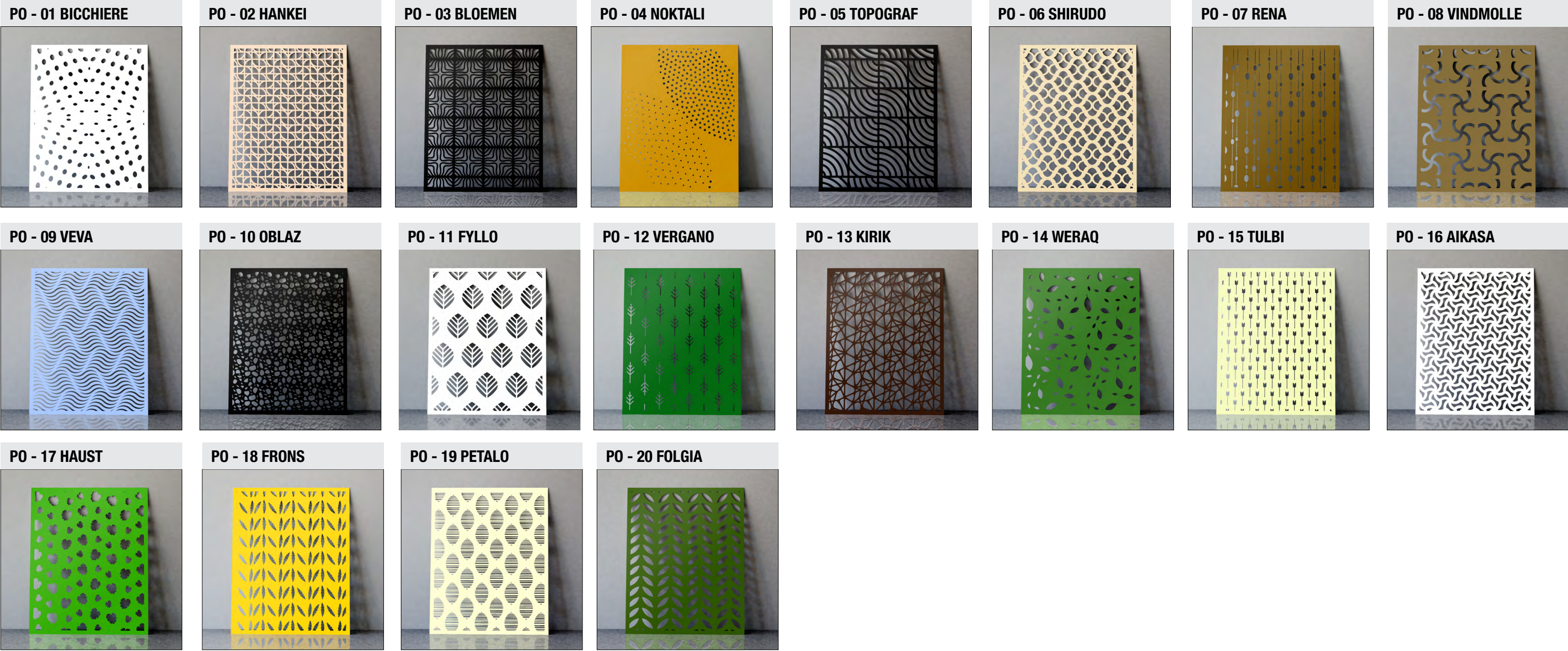


PG - 18 BIXAR



Organic Patterns

Inspired by nature, Organic Patterns bring fluidity and natural elements into architectural spaces. These designs incorporate leaf-like, wave, and abstract free-flowing forms, creating a soft yet artistic touch. Perfect for applications where a more natural, biophilic aesthetic is desired, these panels enhance both indoor and outdoor spaces.





SAN GABRIEL ELEMENTARY SCHOOL - GEORGETOWN, TX

General Contractor: American Constructors

Architect: Huckabee Architects





MERIDIAN SANTA FE / NEXUS HEALTH - SANTA FE, NM

General Contractor: Skiles Group

Architect: Page Southerland Page





DESIGN + ENGINEER + FABRICATE + INSTALL

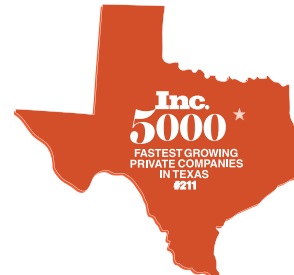
151 W. Vista Ridge Mall Dr. Lewisville, TX 75067

(Dallas/Fort Worth Metroplex)

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vivarailings.com



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Among The Fastest Growing
US Companies
Eight Years in a Row
2012-2019



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Among The Fastest Growing
Texas Companies
#211



ICC-ES 4405 Certified
SHOE™
Structural Glass Railing System



LEED
Material & Resources Credits 4.1 and 4.2



The American Institute of Architects



The California Contractors State License
Board Certified