

2025

OVERLY PANEL SYSTEMS®

By East Coast Metal Systems

TECH DATA SHEETS



681-327-2445

<https://overlybyecms.net/>

OVERLY
PANEL SYSTEMS
BY EAST COAST

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BY EAST COAST



About OVERLY

At OVERLY Panel Systems® by East Coast Metal Systems, we specialize in custom architectural metal panel systems and fabrications that elevate landmark projects across a wide range of industries. Our work doesn't just complement bold design—it enhances and enables it. From concept through completion, we transform complex ideas into striking realities—structures that not only stand out but stand the test of time.

135+ Years of Proven Expertise

With a legacy spanning more than a century, we bring unmatched experience to the art and science of architectural metal fabrication. Our extensive history has equipped us with deep industry insight, refined craftsmanship, and a proven ability to evolve alongside the design world.

Enduring Excellence

Built for longevity, our systems are engineered and fabricated using advanced CNC and computer-aided technologies. Our seasoned team of engineers and craftsmen bring decades of hands-on experience to every project, delivering solutions that are as precise as they are durable.

The OVERLY Advantage

We don't shy away from complexity—we thrive in it. OVERLY panel systems empower architects with the flexibility to bring even the most intricate geometries to life. As one of the few companies offering this level of creative control, we're proud to be a trusted partner to designers who push boundaries and redefine skylines.

Uncompromising Quality

Every panel system undergoes rigorous internal quality assurance to meet and exceed industry standards. Our systems are backed by one of the most respected extended warranties in the industry—because our commitment to excellence doesn't end when installation begins.

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Accessories	COLUMN COVERS
Accessories	CUSTOM METAL FABRICATION

EVOLUTION®

Transformative Architectural Metal Roofing and Wall System

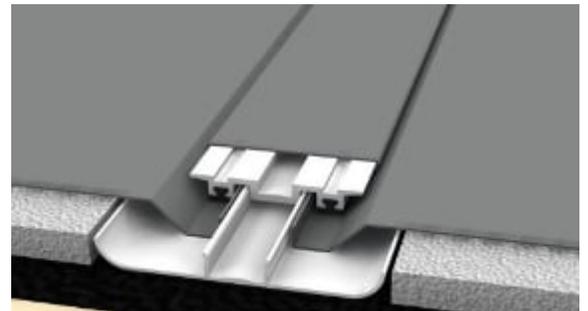
EVOLUTION® is a custom architectural metal roof system without raised battens or exposed fasteners for a smooth contemporary design. The EVOLUTION® panel system takes your “Design Intent” for metal roof and wall systems to the next level!



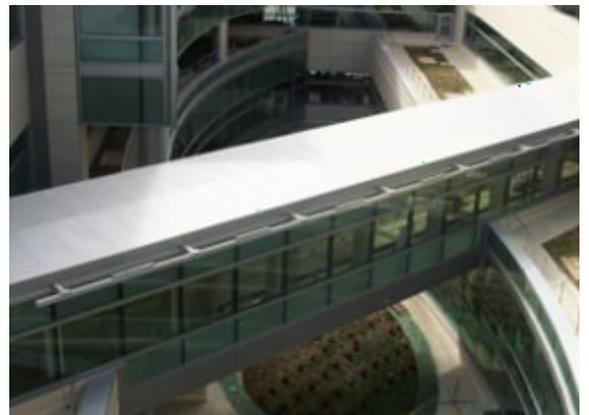
Research Forest Lakeside Woodlands, TX

Features and Benefits

Features	Benefits
Concealed Fastener System	Creating a clean and seamless appearance that achieves your Design Intent
Geometric Flexibility	Available in various geometric configurations, including tapered, concave, and convex surfaces
Advanced Water Management	Internal drain channel ensures superior water diversion and protection
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team
Structural Calculations	Project-specific structural design calculations provided upon request
Sustainability*	LCA, EPD and LEED information available upon request
Performance*	UL 580 Class 90 (Wind Uplift Resistance) ASTM E283 (Air Infiltration) ASTM E331 (Water Penetration)



Evolution Isometric section



Naval Hospital, Camp Pendleton, CA

*Reports and Testing are not applicable to all substrates, materials, and dimensions. Refer to OVERLY for verification.

Materials and Sizes

Material	Minimums W & L	Maximums W & L	Panel Thickness	Finishes
Aluminum	Width: 6" Length: 1'	Width: 48" Length: 22'	0.040" (18ga) 0.050" (16ga) 0.063" (14ga)	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	Width: 6" Length: 1'	Width: 36" Length: 22'	0.024" (24ga) 0.029" (22ga)	2B, Matte, Directional, & Non-directional Specialized Finishes
Copper	Width: 6" Length: 1'	Width: 36" Length: 22'	0.022" (16oz) 0.032" (24oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	Width: 6" Length: 1'	Width: 36" Length: 22'	0.030" (0.8mm) 0.059" (1.5mm)	Back Coated, Natural, Pre-Weathered, & Colored
Titanium	Width: 6" Length: 1'	Width: 48" Length: 10'	0.018" (26ga) 0.024" (24ga)	(Grade 1) available in Mill and Matte Finishes

**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



96th Street Station, New York, NY



Sibley Memorial Hospital, Washington, D.C.



Los Angeles County Museum of Art, Log Angeles, CA



Tom Bradley International Terminal, Los Angeles, CA



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BERMUDA XP®

Custom Architectural Metal Roofing and Wall Solution

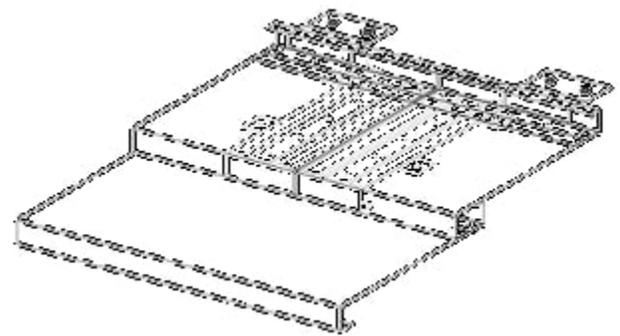
BERMUDA XP™ is the ultimate metal panel system designed for both roofing and wall applications. Transform any building with its versatile panel depths and orientations, creating dynamic façades with deep textures and dramatic shadows.



Milwaukee Art Museum Milwaukee, WI

Features and Benefits

Features	Benefits
Customizable Design	Tailored to match your aesthetic vision
Versatile Application	Perfect for straight slopes, barrel vaults, domes, and complex geometrical surfaces
Sustainability*	LCA, EPD and LEED information available upon request
Advanced Water Management	Internal drain channel ensures superior water diversion and protection
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team
Structural Design	Project-specific structural design calculations provided upon request



Bermuda XP Isometric Section



St. Bernards Parish Cultural Arts Center Chalmette, LA

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Materials and Sizes

Material	Minimums	Maximums	Panel Thickness	Finishes
Aluminum	Step Height: 3/4" Panel Length: 12" Panel Width: 1'-0"	Step Height: 6" Panel Length: 36" Panel Width: 5'-0"	0.040" (18ga) 0.080" (12ga)	Mill, Painted, Embossed
Stainless Steel	Step Height: 3/4" Panel Length: 12" Panel Width: 1'-0"	Step Height: 6" Panel Length: 36" Panel Width: 5'-0"	0.024" (24ga) 0.048" (18ga)	Grade 1 (Mill)
Copper	Step Height: 3/4" Panel Length: 12" Panel Width: 1'-0"	Step Height: 6" Panel Length: 36" Panel Width: 5'-0"	0.027" (20oz) 0.032" (24oz)	Cold Rolled, Lead Coated, Pre-weathered, Embossed
Zinc	Step Height: 3/4" Panel Length: 12" Panel Width: 1'-0"	Step Height: 6" Panel Length: 36" Panel Width: 5'-0"	0.024" (0.6 mm) 0.060" (1.5 mm)	2B, 2D, #4, Dull Matte
Titanium	Step Height: 3/4" Panel Length: 12" Panel Width: 1'-0"	Step Height: 6" Panel Length: 36" Panel Width: 5'-0"	0.018" (26ga) 0.024" (24ga)	Grade 1 (Available in Mill & Matte finishes)

**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



Texas State History Museum, Austin, TX



St. Bernards Parish Cultural Arts Center, Chalmette, LA



Ronald Reagan National Airport, Washington DC



Sacred Heart Cathedral, Houston, TX



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Batten A Roofing System

Spanning the test of time and Leading into the Future

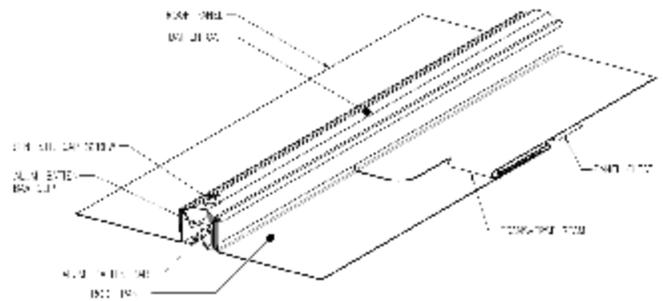
The Batten A Roofing System is a custom architectural roof system that can be used for highly customizable historical and contemporary “Design Intents.”



South Main Public Health Center, Salt Lake City, UT

Features and Benefits

Features	Benefits
Customization	Can be used on straight slopes, barrel vaults, and domes requiring tapered and/or curved panels in either concave or convex styles as well as complex surfaces with unique geometry
Sustainability*	LCA, EPD and LEED information available upon request
Advanced Water Management	Internal drain channel ensures superior water diversion and protection
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team
Structural Calculations	Project-specific structural design calculations provided upon request



Batten A Isometric Section



St. George Greek Orthodox Church, Trenton NJ

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Materials and Sizes

Material	Minimums W & L	Maximums W & L	Panel Thickness	Finishes
Aluminum	Width: 12" Length: 12"	Width: 48" Length: 22'	0.040" (18ga) 0.050" (16ga)	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	Width: 12" Length: 12"	Width: 48" Length: 22'	0.024" (24ga) 0.035" (20ga)	2B, Matte, Directional, & Non-directional Specialized Finishes
Copper	Width: 12" Length: 12"	Width: 36" Length: 22'	0.022" (16oz) 0.027" (20oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	Width: 12" Length: 12"	Width: 36" Length: 14'	0.028" (24ga) 0.032" (20ga)	Back Coated, Natural, Pre-Weathered, & Colored
Titanium	Width: 12" Length: 12"	Width: 48" Length: 14'	0.018" (26ga) 0.024" (24ga)	Grade 1 (Available in Mill & Matte finishes)

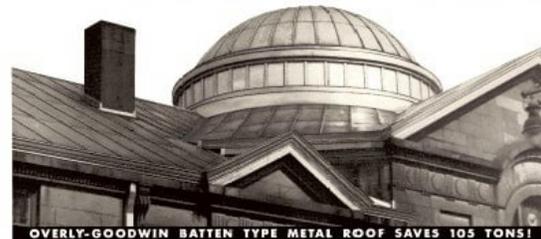
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Otterbein United Methodist Church, Greenburg, PA

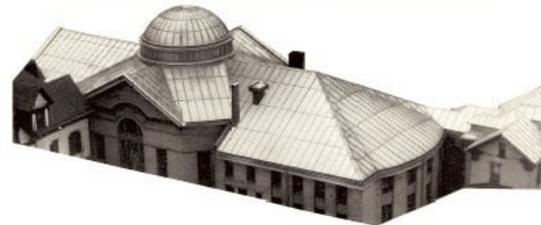
← **WOW** →
"Advertisement from 1950"
Original roof still in service

IF YOU LIGHTEN THE ROOF LOAD
YOU LENGTHEN THE LIFE OF THE BUILDING



OVERLY-GOODWIN BATTEN TYPE METAL ROOF SAVES 105 TONS!

Two slices of new aluminum roof, First United Methodist Church, Greenburg, Pennsylvania. By removing original heavy tile roofing, Overly reduced the load on the wooden trusses by 105 tons! Splitting and sagging of the trusses, caused by the weight of the tile, was corrected and will never again be a problem. Aluminum roof now on church, Sunday school, and parsonage will be maintenance free for years to come.



Overly took shown above included complete design and execution of the following: reinforcement of sagging beams; rebuilding vertical sides of dome; removal of skylight; covering entire roof with 20 gauge aluminum; fastening and setting new 1/2" gauge aluminum cornice, gutters, conductors, leadings, vertical pointing on dome, cornice finish, and batten pattern on Sunday school building.

Lighter weight design of Overly Metal Roofing (whether a titanium, copper, stainless steel, or iron metal) relieves stress on roof supports. This patented roofing can be installed on single and double pitched roofs, hip roofs, barrelled roofs, and domes or wherever there is a pitch of at least 1 1/2" in 12". Exclusive advantages are described in a four-page bulletin entitled, "Overly-Goodwin Batten Metal Roofing & Coping." Send today for your copy.

OVERLY MANUFACTURING COMPANY, Dept. AR
4888BROADWAY, PA. (Phone Greenburg 154)
* Sales Representatives in All Principal Cities *

OVERLY MANUFACTURING COMPANY OF CALIFORNIA
Dept. AR, 2943 Glendale St., LOS ANGELES 39, CALIF.
(Phone Olymate 2948)

OVERLY QUALITY ARCHITECTURAL SHEET METAL PRODUCTS ARE DESCRIBED IN SWEET'S FILE

This advertisement appears in July 1950 issue of Architectural Record.



St. Nicholas Ukrainian Catholic Church, Wilmington DE



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Batten B Roofing System

Spanning the test of time and Leading into the Future

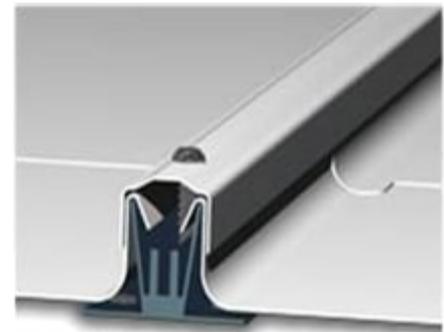
The Batten B Roofing System is a custom architectural roof system that can be used for highly customizable historical and contemporary “Design Intents.”



University Nevada Reno Knowledge Center, Reno, NV

Features and Benefits

Features	Benefits
Customization	Can be used on straight slopes, barrel vaults, and domes requiring tapered and/or curved panels in either concave or convex styles as well as complex surfaces with unique geometry
Sustainability*	LCA, EPD and LEED information available upon request
Advanced Water Management	Internal drain channel ensures superior water diversion and protection
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team
Structural Calculations	Project-specific structural design calculations provided upon request



Batten B Isometric Section



101 Constitution, Washington DC

*Reports and Testing are not applicable to all substrates, materials, and dimensions. Refer to OVERLY for verification.

Materials and Sizes

Material	Minimums W & L	Maximums W & L	Panel Thickness	Finishes
Aluminum	Width: 12" Length: 12"	Width: 48" Length: 22'	0.040" (18ga) 0.050" (16ga)	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	Width: 12" Length: 12"	Width: 48" Length: 22'	0.024" (24ga) 0.035" (20ga)	2B, Matte, Directional, & Non-directional Specialized Finishes
Copper	Width: 12" Length: 12"	Width: 36" Length: 22'	0.022" (16oz) 0.027" (20oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	Width: 12" Length: 12"	Width: 36" Length: 14'	0.028" (24ga) 0.032" (20ga)	Back Coated, Natural, Pre-Weathered, & Colored
Titanium	Width: 12" Length: 12"	Width: 48" Length: 14'	0.018" (26ga) 0.024" (24ga)	Grade 1 (Available in Mill & Matte finishes)

**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



NCAA Headquarters, Indianapolis, IN



Newtown Creek, Brooklyn, NY



David L Lawrence Convention Center, Pittsburgh, PA



Arrowhead Clubhouse, Vail, CO



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DIMENSION XP™

Architectural Solid Metal Façade Panel System

DIMENSION XP™ is a versatile single-skin metal panel featuring an interlocking dry joint and concealed fastener system, ideal for exterior and interior walls, soffits, and ceilings. Designed for both back-ventilated rainscreen and barrier wall construction, it is available in solid or perforated options.



PSU, Dickinson School of Law, Carlisle PA

Features and Benefits

Features	Benefits
Concealed Fastener System	Creating a clean and seamless appearance that achieves your Design Intent
Customization & Deviations	Contact OVERLY for deviations from the standard, including DXP 3D configurations, perforated applications, and large panel size requests Panels are precision-engineered to meet project-specific requirements
Sustainability*	LCA, EPD and LEED information available upon request
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team
Installation Sequence	Panels are installed sequentially from left to right and bottom to top

**Reports are not applicable to all substrates, materials, and dimensions. Refer to OVERLY for verification.*



Dimension XP Isometric Section



Private Residence, Export PA

Materials and Sizes

Material	Minimums W&L	Maximums W&L	Standard Panel Depth	Panel Thickness	Standard Panel Reveal	Finishes
Aluminum	Width: 6" Length: 1'	Width: 42" Length: 114"	1 1/2", 2 1/4", and 3"	0.050" (16ga) 0.063" (14ga) 0.080" (12ga)	5/8" (16mm) – 4"(101mm)	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, and Textures
Stainless Steel	Width: 6" Length: 1'	Width: 42" Length: 114"	1 1/2", 2 1/4", and 3"	0.048" (18ga) 0.060" (16ga)	5/8" (16mm) – 4"(101mm)	2B, Matte, Directional, & Non-Directional Specialized Finishes
Copper	Width: 6" Length: 1'	Width: 42" Length: 114"	1 1/2", 2 1/4", and 3"	0.032" (24oz) 0.043" (32oz)	5/8" (16mm) – 4"(101mm)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	Width: 6" Length: 1'	Width: 33" Length: 114"	1 1/2", 2 1/4", and 3"	0.030" (0.8mm) 0.059" (1.5mm)	5/8" (16mm) – 4"(101mm)	Back Coated, Natural, Pre-Weathered, & Colored
Titanium	Width: 6" Length: 1'	Width: 42" Length: 114"	1 1/2", 2 1/4", and 3"	0.018" (26ga) 0.024" (24ga)	5/8" (16mm) – 4"(101mm)	(Grade 1) available in Mill and Matte Finishes

**For customizations, including DXP 3D configurations and requests for large panel sizes, please contact OVERLY. Certain metals and specialty finishes may result in formed panel dimensions smaller than the listed maximum size.*



City Center, Ithaca, NY



Homestead Federal Savings and Loan, Dayton, OH



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Rainscreen XP™

Custom Architectural Plate Façade System

Rainscreen XP™ (RXP™) is designed for exterior wall cladding, providing designers with creative freedom. This open-joint, back-ventilated rainscreen system achieves striking, high-end aesthetics through the use of solid metal panels with sharp contours and clean lines.



San Jose International Airport, North Concourse, San Jose, CA

Features and Benefits

Features	Benefits
Customizable Finish Options	Post-fabrication painting available with a variety of colors and customizable shape configurations
Customization	Panels are precision-engineered to meet project-specific requirements
Sustainability*	LCA, EPD and LEED information available upon request
Efficient Installation	RXP™ panels and support tracks are self-aligning with a “hook and pin” attachment method
Thermal Expansion	Free-floating panel design ensures secure accommodation of thermal expansion and contraction
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team



Rainscreen XP Isometric Section



Museum of Natural Sciences, Daily Planet - Raleigh, NC

**Reports are not applicable to all substrates, materials, and dimensions. Refer to OVERLY for verification.*

Materials and Sizes

Material	Minimums W & L	Maximums W & L	Panel Depth	Panel Reveal	Panel Thickness	Finishes
Aluminum	Width: 6" Length: 1'	Width: 48" Length: 144"	2 3/4" – 3"	1/2" and adjustable in 1/2" up to 4"	0.125" (11ga) 0.187" (7ga)	Painted – Perforated
Stainless Steel	Width: 6" Length: 1'	Width: 48" Length: 144"	2 3/4" – 3"	1/2" and adjustable in 1/2" up to 4"	0.120" (11ga)	2D – Matte – Directional – Non-Directional – Specialized Finishes- Perforated

**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



NC Museum of Natural Sciences, Daily Planet, Raleigh, NC



Milwaukee Art Museum Addition, Milwaukee, WI



Las Vegas City Center, Las Vegas, NV



Cincinnati University Design-Art-Architecture, Cincinnati, OH



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Flat Lock Panel (FLP™)

Flat Lock Metal Panel

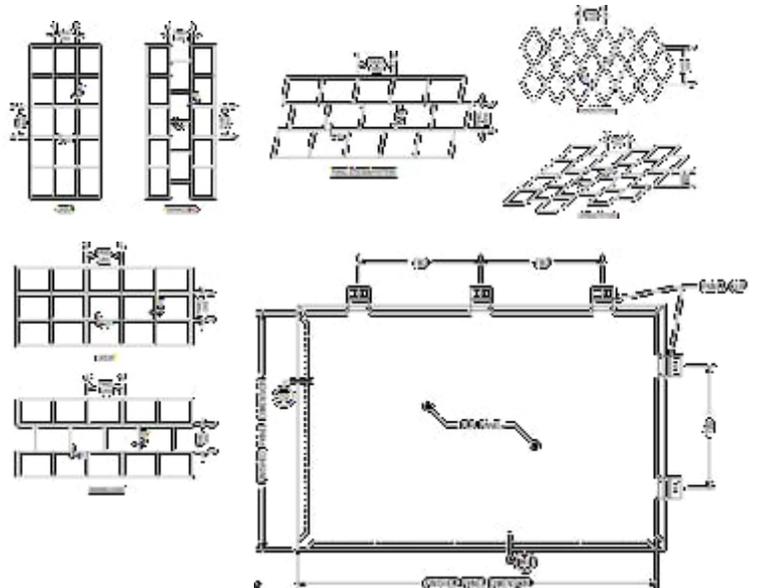
FLP™, or Flat Lock Panel, is an overlapping tile, or shingle-style, metal panel that can take many shapes and sizes to achieve your “Design Intent.”



Boston Aquarium's IMAX Theater, Boston, MA

Features and Benefits

Features	Benefits
Concealed Fastener System	Creating a clean and seamless appearance that achieves your Design Intent
Geometric Flexibility	Available in various geometric configurations, including tapered, concave, and convex surfaces
Sustainability*	LCA, EPD and LEED information available upon request
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team



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Materials and Sizes

Material	Minimums	Maximums	Panel Thickness	Finishes
Aluminum	Panel Length: 12" Panel Width: 12"	Panel Length: 10' Panel Width: 2'	0.032" (28ga) to 0.063" (14ga)	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	Panel Length: 12" Panel Width: 12"	Panel Length: 10' Panel Width: 2'	0.0375" (20ga) to 0.0187" (26ga)	2B, Matte, Directional, & Non- directional Specialized Finishes
Copper	Panel Length: 12" Panel Width: 12"	Panel Length: 10' Panel Width: 2'	0.020" (16oz) to 0.043" (32oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	Panel Length: 12" Panel Width: 12"	Panel Length: 10' Panel Width: 2'	0.045" (1.143mm)	Back Coated, Natural, Pre- Weathered, & Colored
Titanium	Panel Length: 12" Panel Width: 12"	Panel Length: 10' Panel Width: 2'	0.040" (20ga) to 0.078" (16ga)	(Grade 1) available in Mill and Matte Finishes

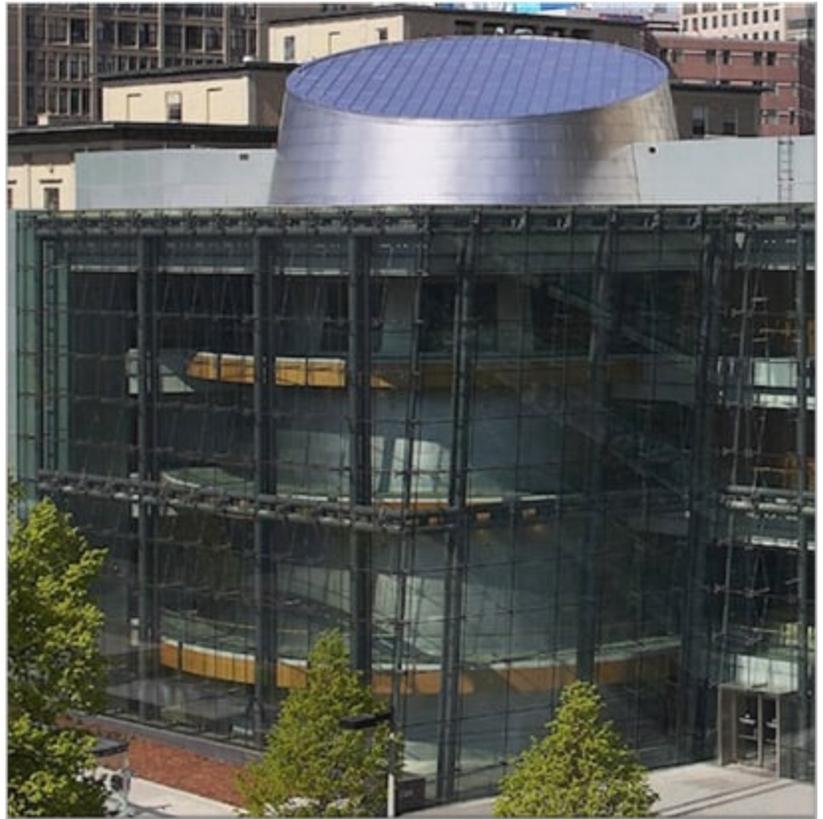
**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



Boston Aquarium's IMAX Theater, Boston, MA



Boston Aquarium's IMAX Theater, Boston, MA



Harvard Medical Center, Boston, MA



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Column Covers

Custom Beam and Column Cover Options

Column Covers provide a multi-functional aesthetic solution for exposed structural beams and columns. Using columns covers can take your project to the next level of high-end, modern design in their visual transformation of a structural feature into a design feature.



Inova Loudoun Hospital Patient Tower, Leesburg, VA

Features and Benefits

Features	Benefits
Application	Suitable for both interior and exterior use
Mounting Options	Designed to fit vertical, horizontal, or sloped beams and columns
Shape Variety	Available in multiple geometric shapes
Joint Configurations	Includes various joint options: Hairline, Caulked, Gasketed and Infill Strip
Customization	Open reveal joints can be sealed or capped for enhanced durability and aesthetics
Sustainability*	LCA, EPD and LEED information available upon request
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team



Dunbar Senior High School, Washington, D.C.



UPMC Mercy Hospital, Pittsburgh, PA

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Shape Options



Materials and Sizes

Material	Standard Panel Depths	Standard Panel Reveal	Panel Thickness	Finishes
Aluminum	1 1/2", 2 1/4", and 3"	5/8" or 3/4"	0.050" (16ga) 0.125" (1/8")	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	1 1/2", 2 1/4", and 3"	5/8" or 3/4"	0.048" (18ga) 0.075" (14ga)	2B, Matte, Directional, & Non-directional Specialized Finishes
Copper	1 1/2", 2 1/4", and 3"	5/8" or 3/4"	0.043" (32oz) 0.086" (64oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	1 1/2", 2 1/4", and 3"	5/8" or 3/4"	0.030" to 0.059"	Back Coated, Natural, Pre-Weathered, & Colored

*Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.



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Proudly Fabricated in WV
Free Estimates
Detailed Quotes
Fully Customized Materials



Custom Metal Fabrication

Transformative Architectural Metal Roofing and Wall System

With custom design and fabrication using a variety of metals and finishes, OVERLY Panel Systems by East Coast can provide a broad range of metal applications and accessories to achieve your “Design Intent.”



Features and Benefits

Feature	Benefits
Versatile Adaptation	OVERLY can customize almost any type of metal material.
Seamless Curved Designs	Segmented structures can be transformed into smooth, finished curves using adjustable and curved metal sub-framing.
Historic Replication or New Construction	Our skilled craftsmen take great pride in bringing your vision to life, whether restoring history or building anew.
Unmatched Experience	Over a century of experience and attention to detail is what separates us from other manufacturers.
Warranty(s)	Enjoy peace of mind with multiple warranty options, available when you connect with the OVERLY team





Domes

- Dual curvature
- Free-standing
- Stress-skin
- Segmented
- Onion-skinned



Steeple, Spires & Cupolas

- Window trims
- Fixed louvers blades
- Balustrades
- Pilasters
- Dentils



Miscellaneous Metals

- Gutters, Downspouts
- Column Covers
- Custom Coping and parapet applications
- Custom Cornices
- Custom Ceiling Panels
- Storefronts
- Custom Secondary Framing



Crosses & Finials

- Crosses
- Finials
- Many other symbols of worship
- Various metals and finishes

Materials and Finishes

Material	Panel Thickness	Finishes
Aluminum	0.040" (18ga) - 0.125" (1/8")	PVDF Standard, Custom, Weathered Patina Prints, Metallics, Micas, & Textures
Stainless Steel	0.024" (24ga) - 0.075" (14ga)	2B, Matte, Directional, & Non-directional Specialized Finishes
Copper	0.022" (16oz) - 0.086" (64oz)	Cold Rolled, Coated, Textured, & Pre-Weathered
Zinc	0.030" (0.8mm) - 0.059" (1.5mm)	Back Coated, Natural, Pre-Weathered, & Colored
Titanium	0.018" (26ga) - 0.024" (24ga)	(Grade 1) available in Mill and Matte Finishes

**Maximum parameters vary depending on sub-base composition, structure design, wind load analysis, material type, material gauge, etc.*



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