



EAST COAST

METAL SYSTEMS



The East Coast
Advantage: Realize
the Potential of Every Project

Purdue Football Performance Complex: West Lafayette, IN

V2-5-19

WHAT WE DO

East Coast Metal Systems (ECMS) is a full-service fabricator of custom engineered architectural metal and interior/ exterior envelope systems. Our customers rely on access to high-quality **MCM, natural metal, plate, and single skin panels and architectural trims** with competitive lead times. We operate a state-of-the-art **60,000-square-foot metal fabrication facility**, and we offer fully tested systems and an expansive product breadth with a wide range of customization options backed by experience in markets across the United States. We are known as a **custom problem-solver**, and it's our goal to provide exactly what the project requires, no matter the delivery method or level of complexity.



ECMS ADVANTAGE

Our history is deeply rooted in the construction industry, which means we know the construction process as both a contractor and a supplier. This makes ECMS an invaluable tool throughout each project timeline.

Premium
MCM
Fabricator
METAL CONSTRUCTION ASSOCIATION

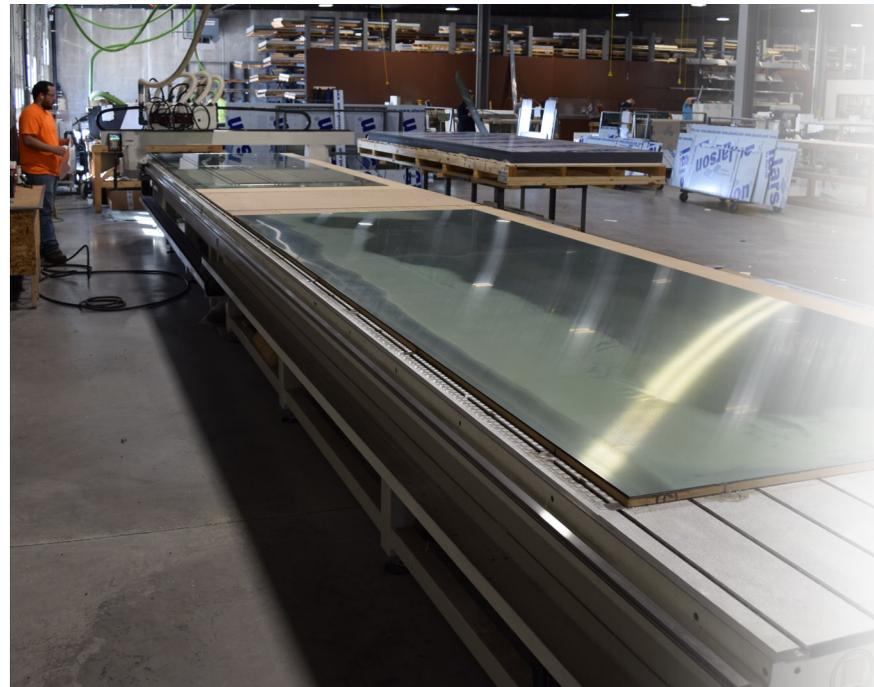
CAPABILITIES

Our modern 60,000-square-foot metal fabrication facility offers the equipment and capabilities to complete virtually any metal fabrication project, no matter the delivery method or level of complexity.

East Coast Metal Systems provides access to the best people, products, technology, and customization options the industry has to offer. If an architect can draw it, we can fabricate it. Trust your next project to a true industry professional.

Equipment capabilities include:

- Forming
- Rolling
- Welding
- Finishing
- Shearing
- Deburring
- Bending
- Fitting
- Punching
- Contouring
- Notching
- Routing
- Assembly



PRE-CONSTRUCTION SERVICES

Design-Assist

When a project requires a unique fabrication solution, ECMS offers the creative and production capacity to improve constructability by collaborating with architects, including situations that involve delegated design. ECMS utilizes BIM technology in order to intertwine design, operations, and construction functions among office and field personnel for optimal project coordination from start to finish.

Estimating/ Budgeting

East Coast Metal Systems can deliver the best possible results within your designated budget. Budgeting is at the heart of each project, and our team of skilled estimators takes the time needed to provide an accurate, detailed estimate within your project specifications.

Engineering

A combination of CAD-trained engineers and experience with the submittal process can take your project to the next level of efficiency and accuracy. ECMS has the capabilities to engineer custom panel systems. If an architect can draw it, we can fabricate it.

Shop Drawings

Our 3D BIM shop drawings focus on attention to detail. Our engineering teams utilize the latest in CAD/ CADD technology to provide you with exactly what you need from the start of any project, regardless of complexity level.

Design-Build

East Coast Metal Systems has experience working with the Design-Build delivery method, and we understand the importance of cooperation of all subcontractors and material suppliers to ensure a smooth transition from the initial project concept through construction and delivery of the final result.

Value Engineering

We work for you, which means our job entails working through industry best practices and executing value engineering wherever it is needed so that your project is completed on time, on budget, and according to specifications.



CONSTRUCTION SERVICES

Secure-Scan®

After the substrate has been installed, our Secure-Scan 3D laser scanning services provide a scan of the building as it was built, to a high degree of accuracy, including complex geometry and curves. From there, our trained project managers develop the scanned images into metal panels based on exact field conditions. Panels are then fabricated and custom-crated for delivery to the jobsite for installation.

Project Management

Our skilled project managers are the leaders of each project fulfillment team and ensure each project receives the attention it requires through every step of the process. Our project managers represent all we do to support each project.

Communications

Our in-house team of estimators, engineers, project managers, and safety personnel understand the construction process, as well as the importance of effective communication throughout the project timeline. That means consistent internal and external communication, and it is our goal to be your project resource from initial design through final punch lists.

Logistics

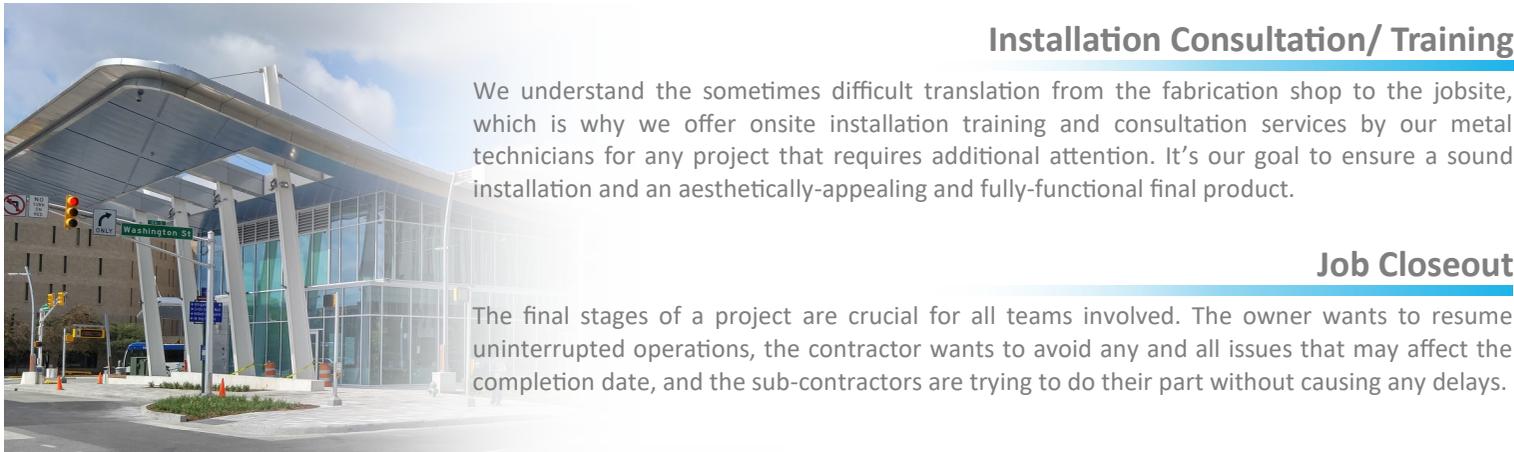
We package and ship all of our systems based on customer needs. Each delivery will include detailed labeling, a packing list, and an elevation sheet indicating where products are to be installed on the project. Everything we provide is pre-fabricated, custom crated, and then sent to the jobsite. Our packing list and elevation sheets even include a traceable panel number so that if a panel is ever damaged, the issue can be promptly resolved reducing interruption to the construction schedule.

Installation Consultation/ Training

We understand the sometimes difficult translation from the fabrication shop to the jobsite, which is why we offer onsite installation training and consultation services by our metal technicians for any project that requires additional attention. It's our goal to ensure a sound installation and an aesthetically-appealing and fully-functional final product.

Job Closeout

The final stages of a project are crucial for all teams involved. The owner wants to resume uninterrupted operations, the contractor wants to avoid any and all issues that may affect the completion date, and the sub-contractors are trying to do their part without causing any delays.



COMPOSITE PANEL FABRICATION

Metal composite material (MCM) utilizes steel, stainless steel, aluminum, titanium, copper, and zinc, whereas aluminum composite material (ACM) utilizes aluminum only. MCM panels create a versatile architectural façade that is customizable for any project design and are manufactured through a process of bonding two metal skins to a thermoplastic core, which allows for flexibility and durability.

The aesthetic appeal of MCM panels is apparent in their sleek, modern finish and practical appeal because they are weather resistant, easily maintained, and long lasting. East Coast Metal Systems can design panel systems to achieve the desired fire rating based on local building codes.

MCM panels are available in a variety of finishes and are customizable in thickness, texture, color, shape, profile, and application method.



East Coast Metal Systems also has experience with panel customization for a wide variety of MCM panel systems, including National Fire Protection Association (NFPA) 285 assemblies, and can work with you to achieve the desired aesthetic and functional results for your project.



CUSTOM SINGLE SKIN & PLATE PANEL FABRICATION



Our custom, preformed single skin metal panels offer benefits like protective coatings, low installation cost, design freedom, and functionality. Technology has made “custom” affordable, and single skin metal panels offer a wide range of custom or standard colors, texture, shape, and profile options. They are an excellent combination of performance, aesthetic appeal, and cost efficiency. Our custom profile matching options allow us to mimic standard roll-formed profiles, including both ribbed and flatlock.

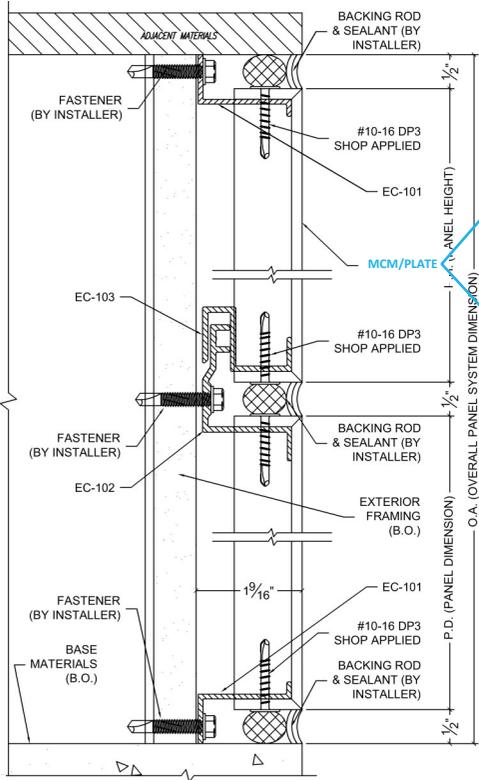
East Coast Metal Systems also has experience fabricating plate panels where durability is of utmost importance. They are composed of a heavier gauge material suitable for all types of construction and customizable in terms of gauge, size, texture, shape, and profile.

A single skin or plate panel can be composed of various metals including aluminum, copper, zinc, terne-coated metal, and brass, as well as stainless and galvanized steel, and galvalume metal.



East Coast Metal Systems offers lap seam single skin panel systems, flush, and exposed fastener. We offer brake forming capabilities for any single skin panel profile whether it's a standard or custom profile.

WET JOINT SYSTEMS



EC-100 WET JOINT MCM SYSTEM™

The EC-100 metal composite material (MCM) route and return panel system utilizes mounting extrusions that are interlocking and easily installed. The EC-100 is a wet-joint system sealed with silicone. MCM is routed and fabricated into “formed pans” that are attached to extrusions. The EC-100 system can be used on projects varying from the most simple to the most complex. The EC-100’s versatility allows installation over any structurally sound surface and is available in 4mm, 6mm, and 8mm standard MCM panels.

EC-150 WET JOINT PLATE SYSTEM™

The EC-150 plate panel system offers all the benefits of the EC-100 but with a thicker gauge material with various finish options for added durability. It can be brake formed or routed and returned depending upon material selection. The EC-150 is available in 0.125in, 0.1875in, and 0.25in standard aluminum plate panels.





Maryland Live! Casino: Baltimore, MD



Consol Energy Headquarters: Canonsburg, PA

EC-100 & EC-150 are performance tested per ASTM E 283, ASTM E 331, and ASTM E 330.

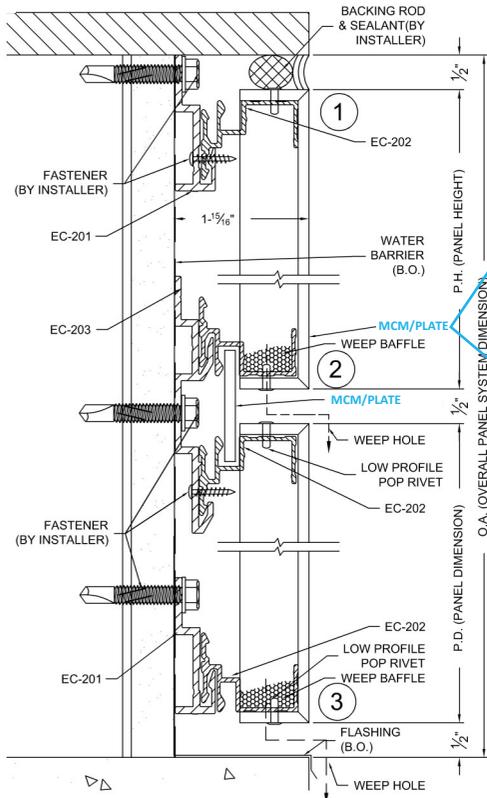


University of Virginia Battle Building: Charlottesville, VA



Defense Logistics Agency Headquarters: New Cumberland, PA

DRY JOINT SYSTEMS

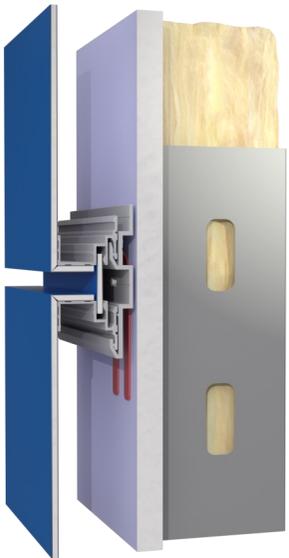


EC-200 DRY JOINT MCM SYSTEM™

The EC-200 metal composite material (MCM) pressure equalized rainscreen panel system is based upon the “rainscreen principle”. Utilizing formed panels, this system is mounted using aluminum extrusions. Panel joints are finished using color matched or complementary accent strips that “float” within the extrusions allowing a reveal from 0.5in to 12in. The EC-200 system is compatible with 4mm, 6mm, and 8mm standard MCM panels.

EC-250 DRY JOINT PLATE SYSTEM™

The EC-250 plate panel rainscreen system offers all the benefits of the EC-200 but with a thicker gauge material for high traffic areas. It can be brake formed or routed and returned depending upon material selection. The EC-250 system is compatible with 0.080in, 0.090in, 0.125in, 0.1875in, and 0.25in standard aluminum plate panels.



WesBanco Arena: Wheeling, WV



Dunbar Senior High School: Washington, DC



Carnegie Mellon University Cohon Center: Pittsburgh, PA



University of Pennsylvania Penovation Center: Philadelphia, PA

EC-200 & EC-250 are performance tested to meet AAMA 508-07 standards.



McDonald's Corporate Headquarters: Chicago, IL



Oklahoma City Police Headquarters: Oklahoma City, OK

COLUMN COVERS

Column covers provide a multi-functional aesthetic solution for exposed structural beams and columns as well as customization options for material, shape, texture, thickness, and color. The use of column 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. East Coast Metal Systems works with MCM, plate, and natural metal column covers and fabricates a compatible attachment system to allow for ease of installation. With many options available, our column covers can be customized to meet the architect's design.



Dunbar Senior High School: Washington, DC

Metals and Finishes

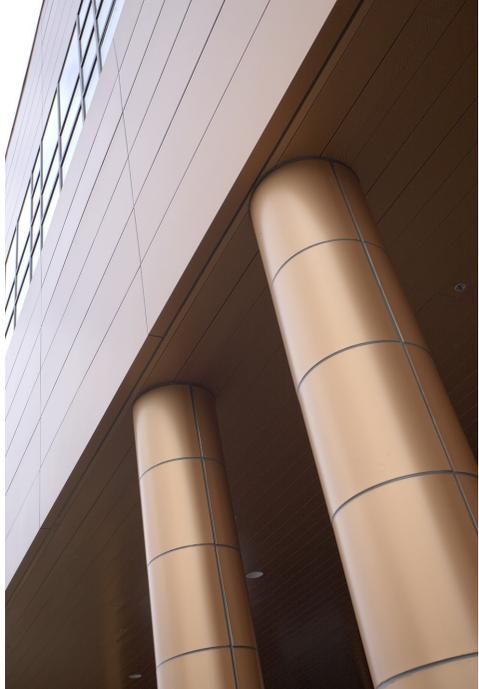
East Coast Metal Systems offers column covers in a variety of different materials, numerous finishes, and nearly limitless color options. Our relationships with all of the major MCM, aluminum, plate, specialty metal, and coil manufacturers allow us to meet your exact specifications.

Joint Options

- Hairline
- Caulked
- Gasketed
- Infill Strip

Shape Options

- Full Round
- 3/4 Round
- 1/2 Round
- 1/4 Round
- Racetrack
- Oval
- Square
- Rectangle
- Conical
- Custom



City Center: Lexington, KY

ARCHITECTURAL & CUSTOM FABRICATION

East Coast Metal Systems offers a vast range of customizable flashings and accessories for commercial envelope systems. Our job is to simplify the construction process for you. Our attention to detail, customization capabilities, and ongoing dialogue with architects helps us to stand out as a true custom fabricator. We operate in full compliance with SMACNA, NRCA, and other industry standards to produce an extensive array of high quality, custom-fabricated products.

- Sunshades
- Louvers
- Gutters & Downspouts
- Finials & spires
- Soffit
- Cornices & fascia
- Coping
- Gravel stop
- Edge metal
- Flashings
 - Cricket
 - Cap
 - Base
 - Receiver, etc.
- Conductor heads
- Flow-thru
- Chimney caps
- Curbs
- Sub-framing



Not only do we offer customizable flashings and accessories in a wide range of colors, finishes, thicknesses, and textures, but we offer services that can be tailored to your specific project goals and needs. Find out how you can capitalize on The East Coast Advantage through our extensive fabrication capabilities. If an architect can draw it, we can fabricate it.

ARCHITECTURAL ACCESSORIES



INTERIOR APPLICATIONS

East Coast Metal Systems is experienced with both exterior and interior metal panel system applications, and our systems are versatile and customizable for use in both settings. We understand the vital importance of functionality and modern aesthetic appeal to provide architects and building owners with a solution that is custom-tailored to each project specification.

Our metal wall panel systems can be designed to fit any interior space, and we appreciate the opportunity to work with architects to create a customized look for each project. Our in-house estimating, drafting, field engineering, project management, and production departments provide a comprehensive project fulfillment team with decades of combined experience in interior applications for metal wall panel system fabrication and installation.

If an architect can draw it, we can fabricate it. Our options for interior metal wall panel system applications are virtually limitless, regardless of color, shape, texture, or complex geometry and curves.



Julia M Carson Transit Center: Indianapolis, IN



Oklahoma City Police Headquarters:
Oklahoma City, OK



Children's Hospital of Philadelphia Buerger Center for
Advanced Pediatric Care: Philadelphia, PA

HISTORIC RESTORATION & GREEN BUILDING COMPLIANCE



Vance Memorial Presbyterian Church: Wheeling, WV

We recognize the importance and significance in preserving and restoring **historic buildings** and their architectural features, which is why we offer custom fabrication options that align with historic architecture. We have experience restoring buildings that are listed with the National Register of Historic Places and the strict guidelines for adherence to period-specific architectural design methods. We have the resources and experience to execute historic replication, preservation, rehabilitation, restoration, and reconstruction depending on the building's historical significance, condition, and use.



University of Pittsburgh Ruskin Hall: Pittsburgh, PA



Harrison County Courthouse: Cadiz, OH

We're serious about building responsibly and can accommodate and comply with the modern, complex aspects of **sustainability**. We understand the projects we undertake and services we provide have a profound impact on the natural environment; it's a big responsibility.

We've joined forces with other members of the United States Green Building Council (USGBC) to promote the Leadership in Energy and Environmental Design (LEED) program, "green" building, and sustainability throughout our market and the industry. This ensures an energy-efficient, better quality, environmentally responsible building for our customers.



EAST COAST METAL SYSTEMS ADVANTAGE

Our company history dates back to the 1980s before ECMS evolved into the custom metal fabricator we are today. We come from contractor roots, and we understand the value in well-rounded awareness of the construction process from start to finish. Our knowledge of the industry means we understand your goals, so we capitalize on our strengths and help you achieve the desired end result in the most efficient way possible.

Every project receives the attention it deserves from our in-house project fulfillment team. Our process provides you with the peace of mind in knowing your project will be effectively managed from start to finish. We know that not all projects or metal panels fit into a “standard box,” and modern architecture drives us to stretch our imagination and skills to achieve your project goals.



EAST COAST
M E T A L S Y S T E M S



MATERIAL OPTIONS

We work with finishes using materials from the major metal manufacturers across the United States. Our versatile industry network allows us to provide a solution for your project, regardless of design complexity. We offer products and finishes based on best practices throughout the metal industry, and it is our goal to deliver a system that is both functional and aesthetically appealing. We are a custom fabricator, which means we can connect you to the system that is right for your project.

Painted

- Kynar
- Prismatic
- Custom

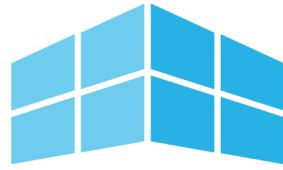
Applied

- Natural stone
- Natural wood grain
- Raised patterns
- Etched

Natural

- Anodized aluminum
- Stainless steel
- Titanium
- Copper
- Zinc





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