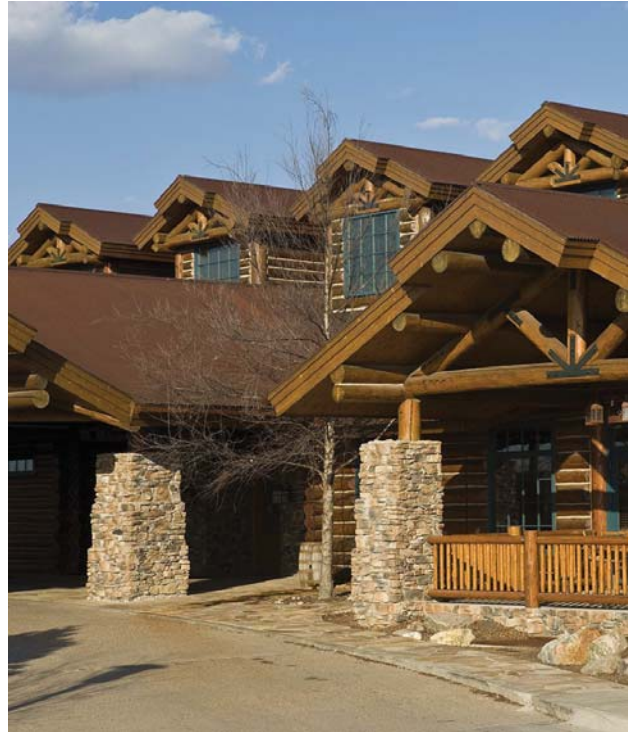


High Quality Metal Roofing and Siding for Architectural,
Commercial, Industrial and Custom Projects

cmj | CORRUGATED METALS, INC. Est. 1887



ABOUT US

Corrugated Metals, Inc. (CMI) is a leading manufacturer of roll formed metal products, serving the Construction, Original Equipment and Defense Industries since 1887.

Our 128 year history has taught us that in order to be successful, we must be focused on the needs of our customers. "Customer-Focused" means more than just supplying products; it means that we need to offer solutions to their problems. We accomplish this task by building upon our knowledge of the markets we serve, offering a professional, competent and capable staff and having a serious commitment to quality.

CMI is proud to offer an excellent selection of products, high-volume production capacity, a broad range of equipment capabilities and innovative design engineering. We leverage these characteristics to build long-term customer relationships.

MISSION

- Produce defect-free products, provide excellent service and competitive prices for our customers
- Pursue growth strategies to help us build the value of the business
- Employ rational, deliberate and well-reasoned decision making in every aspect of our business
- Treat our employees fairly in terms of compensation, benefits, professional and safe work environment, and clearly defined expectations
- Ensure safety, quality and efficiency in our production operations
- Be prepared – to the best of our abilities – to handle any challenge, planned or un-planned, elective or involuntary
- Maximize profits
- Give thanks for our success with charitable acts

We provide our customers with superior quality, competitive prices, on-time shipping, design assistance, excellent communication and customer service.

INDUSTRIES WE SERVE

At CMI, we supply a diverse range of industries including manufacturers of horse and livestock trailers, solar energy, handling and storage, furniture, fire protection, fencing, sound proofing, boiler construction, thermal insulation, HVAC systems, and power generation.

In addition, we supply corrugated metal products for industries as varied as dust collection, parking garage siding, petrochemical processing, heat transfer and steam generation, cement kilns, sugar manufacturing, lime production, water proofing, coal fired boilers and many more.

Industry Served	Typical Applications
Agriculture/Agricultural Equipment	Forage boxes and wagons
Airline	Support panels
Construction	Roofing and wall panels
Container	Side walls and roof panels
Export	Roofing and siding
Fiber Glass	Roofing and siding
Gas & Oil	Fracking tanks
Government	Roofing and siding, METALITH™ products, disaster relief facilities
Livestock trailers	Trailer walls
Military	METALITH™ products, hush houses, roofing and siding
Mining	Conveyor covers
NASA	Roofing and siding panels
Power Plants	Roofing and siding, lagging

ARCHITECTURAL



Providence Park Hospital Novi, Michigan.
Contractor: Flynn Canada Ltd.
Architect: NBBJ Columbus, OH

CMI offers architects a wide range of options to create aesthetically pleasing, environmentally friendly, sustainable designs for all types of facilities. Our products may be found in government buildings, institutional structures, educational facilities or even in residential applications. Detailed below are some of the advantages that set us apart from our competitors, and provide architects with the opportunity to build distinguished, creative projects.

Materials:

- ALUMINUM
- STAINLESS STEEL
- COPPER
- A-606 WEATHERING STEEL
- GALVANIZED STEEL
- GALVALUME
- ALUMINIZED
- ZINC

Finishes:

- BARE (MILL FINISH)
- KYNAR PAINT SYSTEMS
- SILICONIZED POLYESTER PAINT SYSTEMS
- PLASTISOL COATINGS
- SPECIALTY PAINT SYSTEMS TO MATCH SPECIFICATIONS
- ANY COLOR CAN BE MATCHED

Special Processes:

- CURVED PANELS
- PERFORATED METALS
- CUSTOM METAL FABRICATIONS

CMI has a comprehensive website with detailed examples of our products and projects. Our "Architects Corner" contains CAD drawings, 3-part specifications, LEED information, product data sheets and quality certifications. Please feel free to visit and contact us if you have any questions. We look forward to working with you on your next project.

Providence Park Hospital, located in Novi, Michigan, is a modern, technology-forward healthcare facility that was built with quality as one of its highest priorities. As part of the construction project, Corrugated Metals was contracted to supply 67,200 sq-ft of custom corrugated, galvanized steel siding panels.

We utilized our box beam profile for this institutional application to provide a strong and aesthetically pleasing solution for portions of the façade. Since roll forming adds both strength and rigidity to materials, this configuration helped lower costs by enabling the use of lighter weight materials to achieve the same performance properties as heavier gauge sheet metal.

To fabricate the panels, we utilized 22-gauge G-90 galvanized steel with a high performance architectural finish. The 3-part Kynar Lintec coating, which consists of a thin layer of plastic film containing resin, binder, and pigments, was applied to provide protection against the negative effects of weathering and aging. In addition to dimensional inspections, we visually inspected the materials to verify that the color was uniform throughout the entire production run.

We finished the entire order of custom panels, which featured dimensions of 35.5" in width and were cut to various lengths, within a two month time frame. If you are interested in learning more about this project or the many benefits of our corrugated metal siding panels, contact us today.

Product Description	Box Beam Siding
Project Name	Providence Park Hospital
Capabilities Applied/Processes	Primary: Corrugated Roll Forming Secondary: Cutting to Length
Overall Dimensions	Width: 35.5" Length: Varies
Material Used	G-90 Galvanized Steel Thickness: 22 GA
Material Finish	Painted 3-Coat Kynar Lintec medium grey color with a clear coat
In process testing/inspection performed	Dimensional Inspection Length, Width, Squareness, Depth, Gauge Visual Inspection: Color
Industry for Use	Medical
Volume	67,200 sf.
Delivery/Turnaround Time	2 Months
Delivery Location	Novi, Michigan
Standards Met	Customer Specifications, 2D CAD Drawing

COMMERCIAL



Fashion Outlets of Chicago Parking Garage Rosemont, IL

CMI offers a wide range of metal roofing and siding products which can meet the design, appearance and budget of any commercial building. Typical applications of CMI's products for commercial buildings include roofing and siding for warehouses and distribution centers, metal deck products for multi-story or flat-roofed properties, perforated screens for parking garages and many others.

CMI has the capability to provide variety of metal types, gauges and widths, depending on the design characteristics of your project. And whether your project is a completely new structure or retrofitting of an existing building, we can match the profile, color and material type you need. Please visit our website at www.corrugated-metals.com for a more detailed explanation of our company and products, or contact our sales staff today.

Adding custom roll formed and perforated panels to a parking garage façade provides an attractive design accent while allowing adequate airflow to dissipate harmful auto exhaust.

A well-known roofing and siding contractor approached us to fabricate the panels shown here to add a “dressed up” look to a Fashion Outlet parking facility. Working with .032” thick painted Kynar aluminum perforated sheets, we roll formed the profiles so that the already-perforated and painted sheets could allow a fresh air supply to circulate in, and disperse the unwanted fumes.

We produced 26,000 sq-ft of these decorative and functional 44” wide off-white panels within a three month time frame. Our combination of premium quality raw materials and precision craftsmanship will enable these panels to endure long-term exposure to harsh outdoor elements while adding visual appeal to an otherwise ordinary structure.

CMI’s reputation for manufacturing quality products that provide long-term, low maintenance performance in outdoor environments makes us a preferred supplier to building contractors around the globe. For more information about this project or if you have a similar one and would like to discuss the details, contact us today.

Product Description	Bold Rib II Profile Perforated & Painted
Project Name	Fashion Outlets
Capabilities Applied/Processes	Primary: Roll Forming Perforating / Secondary: Cutting to Length
Overall Dimensions	Width: 44” Length: Varies
Material Used	Non-Clad Aluminum Kynar Thickness: 0.032” Perforated 1/2” Diameter 0.687” Staggered Center Holes 48% Open Area
Material Finish	Color: Off-White
In process testing/inspection performed	Dimensional Inspection Length, Width, Squareness, Depth, Thickness
Industry for Use	Parking Garage
Volume	26,000 sq-ft
Delivery/Turnaround Time	3 Months
Delivery Location	Rosemont, Illinois
Standards Met	Customer Specifications, 2D CAD Drawing ISO 9001:2008

INDUSTRIAL



Pueblo Power Plant
Contractor: API

INDUSTRIAL

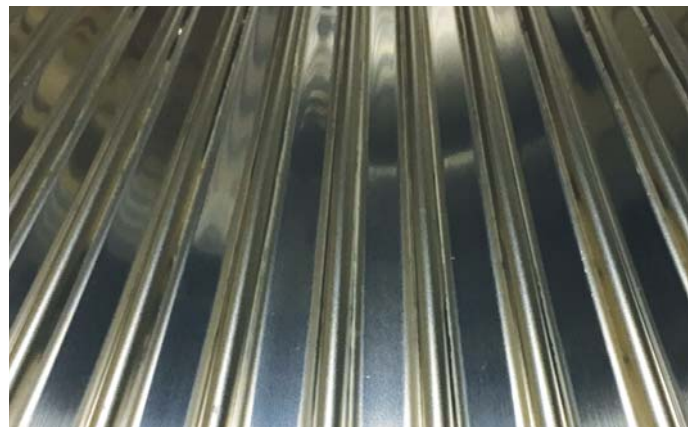
CMI manufactures a full line of industrial roofing and siding products designed for applications such as coal-fired power plants, steel mills, nuclear facilities, petrochemical facilities and many others.

We possess the ability to manufacture materials ranging in thickness from .015" to .200" and above, in widths from 6" to 63". In addition to our broad capability range, we provide customers with the exact bill of materials ordered with no minimum length or quantity requirements.

CMI manufactures industrial products in all types of metals and finishes, including aluminum, galvanized steel, stainless steel and others, either in mill finish (bare) or painted to customer coating systems and colors.

We seek to build long-term customer relationships and look forward to hearing from you.

CUSTOM PROJECTS FOR ORIGINAL EQUIPMENT MANUFACTURERS



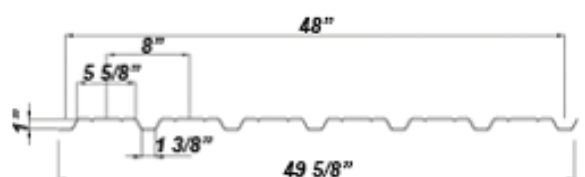
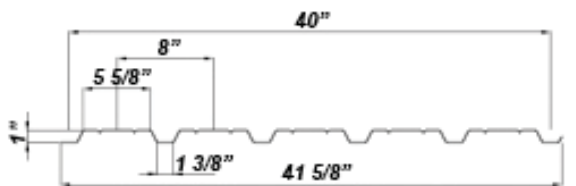
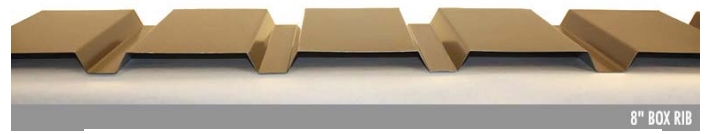
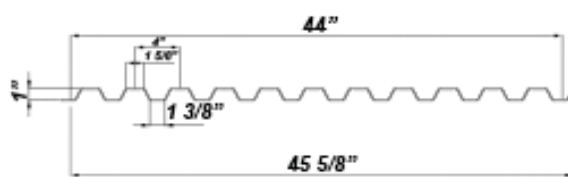
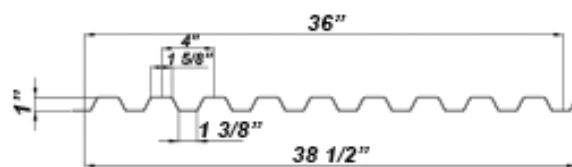
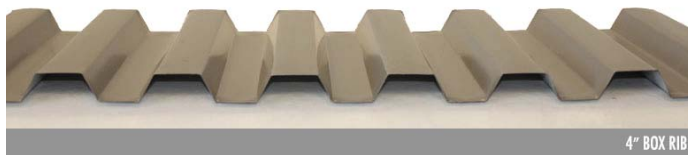
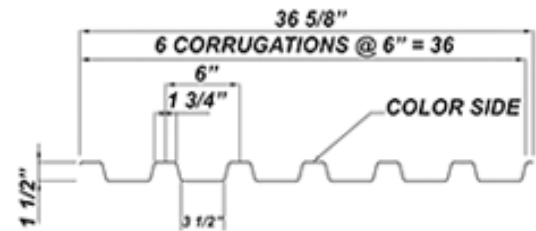
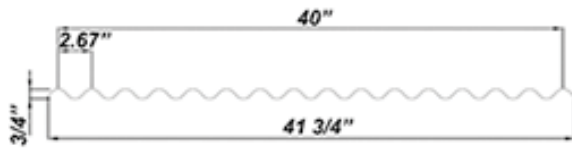
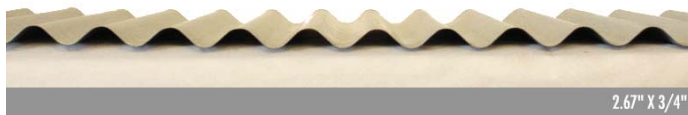
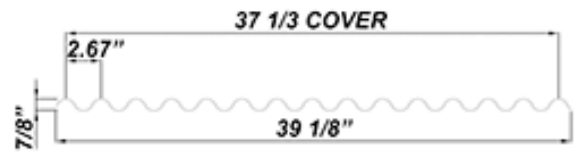
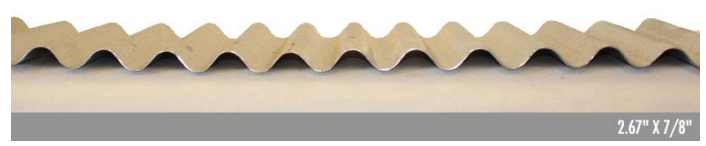
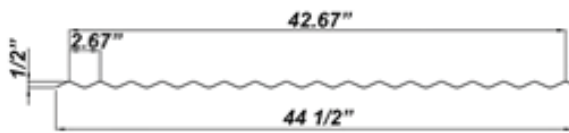
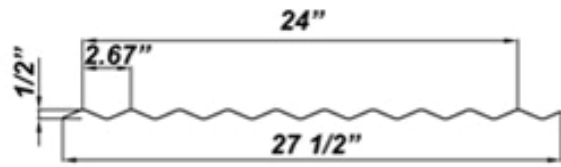
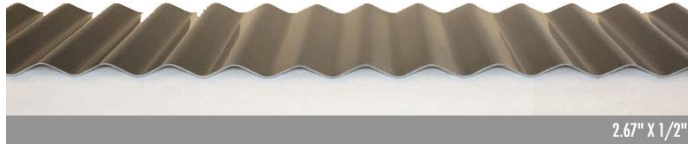
CUSTOM PROJECTS FOR ORIGINAL EQUIPMENT MANUFACTURERS

At CMI, we supply a diverse range of original equipment manufacturers with critical design-specific components. The photos on the left hand side of this page provide appropriate examples of our work, including:

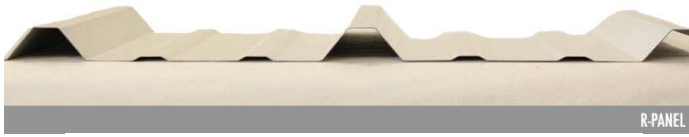
- Heavy gauge roof for a next generation railcar
- Custom support system for a reflective solar panel design
- Sidewalls for horse trailers designed to provide improved aesthetics, lower cost, lighter weight and greater fuel efficiency
- Stainless steel sidewalls for the passenger rail industry
- Protection of military aircraft against low-angle, high-velocity fragmentation
- Custom components for use in commercial aircraft

If your company is seeking to create superior designs with formed metal components, you will find a competent and capable partner in CMI. We look forward to working with you.

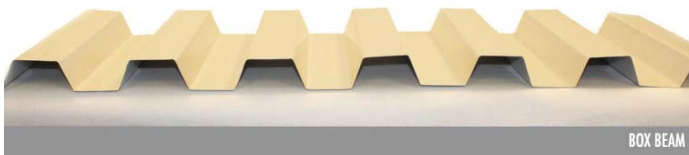
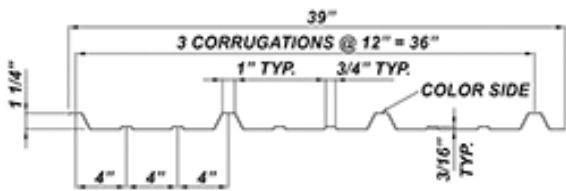
STANDARD PROFILES



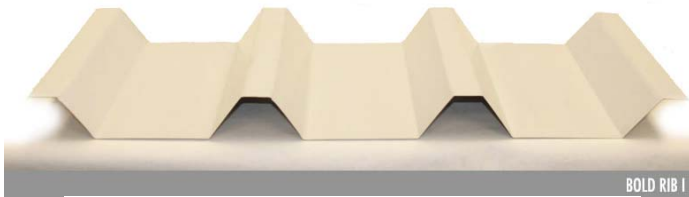
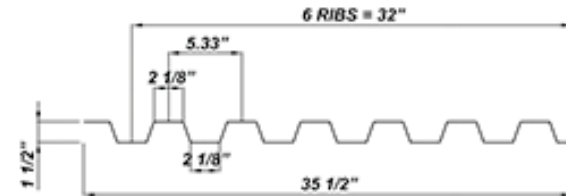
STANDARD PROFILES



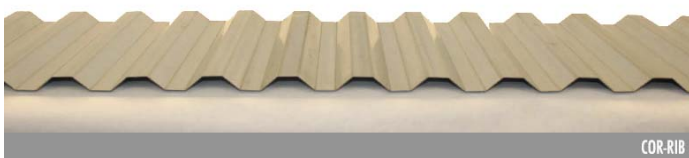
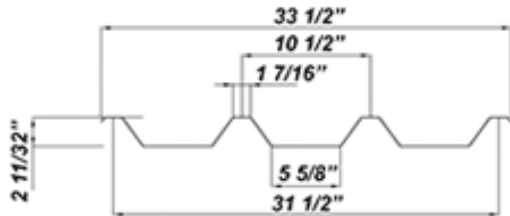
R-PANEL



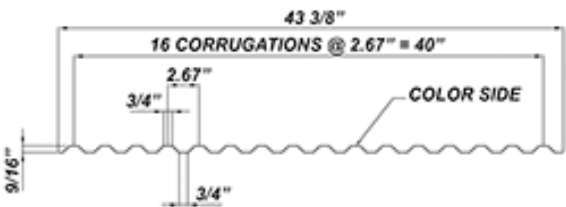
BOX BEAM



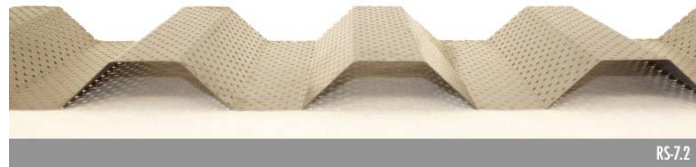
BOLD RIB I



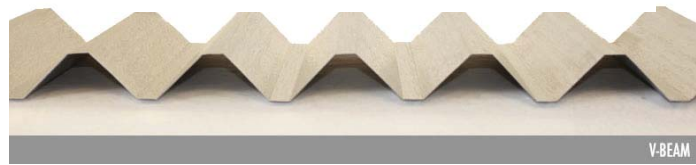
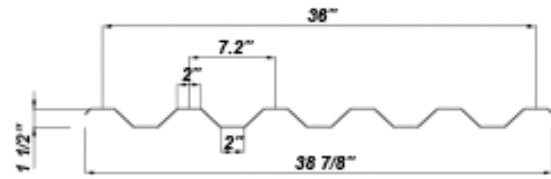
COR-RIB



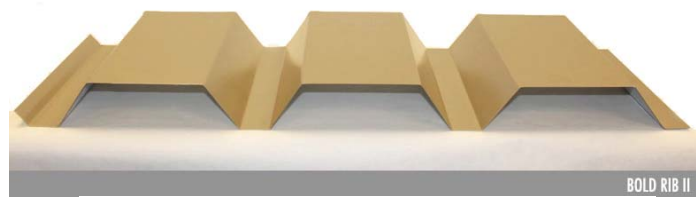
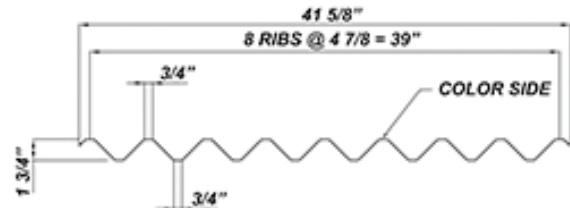
FAP 12



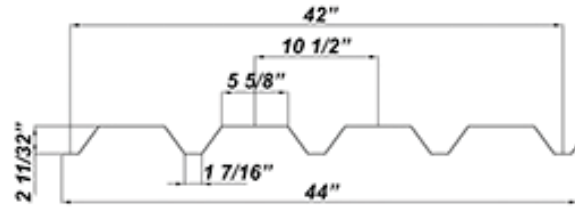
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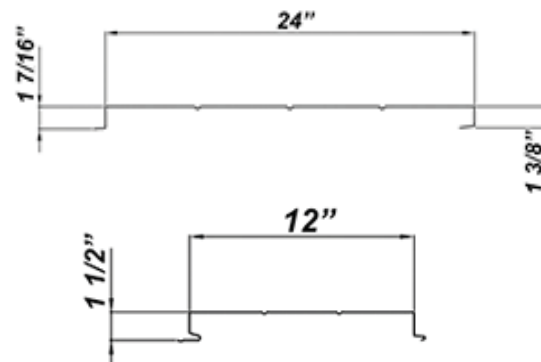
V-BEAM



BOLD RIB II



FL 24



MATERIALS & FINISHES

CMI is capable of providing corrugating and roll forming services for a variety of materials. Steel and aluminum make up the bulk of our roll forming and corrugating metals.

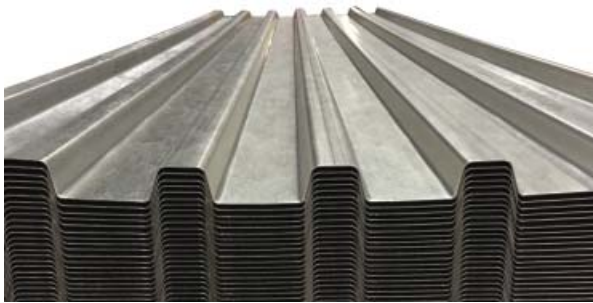


ALUMINUM

Alloys: 3004, 3003, 3105, 5052, 5083, 2024, 6061,
3004/7072 Alclad

Widths: 12.0" to 62.5"

Gauges: .019" to .125"



STEEL

Alloys: Hot-Dip Galvanized Steel, CRCQ (Cold-Rolled
Commercial Quality) Steel, Hot-Rolled Steel, Stainless Steel
(most types), ASTM A606 Weathering Steel,
Aluminized Steel, T1 and T2 Steels

Widths: 12.0" to 62.5"

Gauges: .019" to .125"



STAINLESS STEEL

Types: 304, 309, 316, 409 Aluminized

Widths: 12.0" to 62.5"

Gauges: .019" to .125"



ASTM A606 WEATHERING STEEL

A naturally oxidizing product to provide the
appearance of rust

Widths: 12.0" to 62.5"

Gauges: .019" to .125"

PAINT SYSTEMS & COLORS

CMI provides corrugating and roll forming services for a variety of materials. Steel and aluminum make up the bulk of our roll forming and corrugating metals. Pre-painted color finishes are available in Coranar™, Corasil™ and Corasol™.

PRE-PAINTED FINISHES

Alloys: Any type of aluminum or steel can be painted.

Widths: 12.0" to 62.5"

Gauges: .019" to .125"

Profiles: All CMI profiles see pages 11 & 12

Finishes: Pre-Painted

Paint Systems: Coranar™, Corasil™ and Corasol™



Coranar™, CMI Coranar™ Premium Fluoropolymer – Polyvinylidene Fluoride (PVDF)

Coranar™ is a two coat PVDF resin system with a total Dry Film Thickness (DFT) of 0.9 to 1.1 mils. Top coat: 0.7 to 0.8 mils. Primer: 0.2 to 0.3 mils. Backer: 0.3 to 0.4 mils.

Coranar™ coatings provide a number of unique benefits including exceptional dirt and stain resistance, outstanding color consistency, excellent overall adhesion and great flexibility and formability.

Corasil™, CMI Corasil™ Silicone-Modified Polyester (SMP).

Corasil™ is a two coat SMP resin system with a total Dry Film Thickness (DFT) of 0.9 to 1.1 mils. Top coat: 0.7 to 0.8 mils. Primer: 0.2 to 0.3 mils. Backer: 0.2 to 0.3 mils.

Corasil™ coatings provide a number of unique benefits including superior weatherability, remarkable color and gloss retention, outstanding color consistency and proven durability.

Corasol™, CMI Corasol™ Plastisol Coil Coating.

Corasol™ is a two coat resin system with a total Dry Film Thickness (DFT) of 2.1 to 10.2 mils. Top coat: 2.0 to 10.0 mils.

Corasol™ coatings provide a number of unique benefits including outstanding color consistency, superior abrasion and scratch resistance, flexibility and formability and excellent overall adhesion.

SERVICES

CMI customers demand a wide range of services to meet their needs for uses of roll formed and corrugated metals for their construction and OEM equipment manufacturing requirements.

We manufacture heavy gauge, extra-wide, corrugated roofing and siding materials for use in industrial and commercial buildings. CMI produces roofing and siding products in both bare and pre-painted finishes. We also manufacture custom roll formed products on a contract basis for original equipment manufacturers (OEMs).

Custom Roll Forming

In operation for more than a century, CMI is an industry-leading manufacturer of custom roll formed metal products. Our deep understanding of corrugated metal production methodologies enables us to engineer premium quality; value-based solutions that help customers meet their business objectives.

Utilizing certified raw materials sourced from a strong network of trustworthy suppliers, we manufacture products from varied grades of light- to heavy-gauge aluminum, steel, copper, and zinc with a diverse range of finish options. We are ISO 9001:2008 registered, and quality technicians inspect every product for gauge, length, width, coverage, surface quality, and squareness to ensure consistent adherence to tolerances as close as $\pm 0.005''$. We offer some of the widest panels in the industry — up to 63", and lengths in excess of 90' are readily achievable.

Perforated Metal

CMI has been an industry leading resource for perforated metal products for well over a century. From lightweight decorative elements to load-bearing structural components, we design and manufacture perforated metal to meet the precise specifications for the most demanding customers.

We offer an abundant choice of hole sizes, shapes, and punch patterns, and our manufacturing capabilities include a vast range of materials in gauges from foil to thick plate. Size and complexity are limited only by your imagination. We adhere to the tightest tolerances on thickness, openings, flatness, and surface quality, and our high quality products and services have made us the premier supplier of perforated products to many industries.

SERVICES

Curved Metal

Combining outstanding visual appeal with exceptional performance, CMI curved metal panels provide an economical means for creating unique architectural components that provide brilliant aesthetics along with all the durability inherent to metal.

Suitable for use with a wide variety of substrates and gauges, our curving technology can accommodate panels up to 4' wide, 2" deep, and with minimum length of 2'. Materials of construction include 18 ga to 26 ga aluminum, galvanized steel, stainless steel as well as ASTM Grades A, B, C, CQ, and D. Since the unique crimp-curving process actually increases the metal's rigidity and load factor, it is usually possible to reduce panel gauge to achieve the required structural support, which saves on material cost. Our ability to form multiple-radius curves eliminates seam lines and provides a smooth line for the eye to follow. Provocative design statements and practical durability can be achieved through use of anodized or boldly painted finishes in an almost unlimited color palette.

Value Added Services

CMI offers a strategic list of value added services that provide an efficient, single-source supply chain solution that brings measurable value and economy to our customers.

- **Curving**
- **Cutting to Length**
- **Design Assistance**
- **Embossing**
- **Press Braking**
- **Toll Manufacturing**
- **Toll Processing**
- **Typical Lead Times**
 - Standard Items: 2 – 3 Weeks
 - Specialty Items: 6 – 8 Weeks
 - Dependent on Material Specifications
- **Warehousing/ Containerized Shipping**
- **Strippable**

For more information on our value added services, visit:
www.corrugated-metals.com/value_added_services.html

OUR COMMITMENT TO QUALITY

Because CMI believes in providing the best service possible to our loyal customers, we have made certain that our Quality Management System complies with the requirements of ISO (International Organization for Standardization).

CMI is ISO 9001:2008 Registered for the following:

- Design and manufacture of perimeter security systems
- Roll formed panels and products
- Fabricated and custom welded metals

WHAT SETS CORRUGATED METALS, INC. APART

- Unparalleled Commitment To Customer Service
- Broad Selection of Material Types and Finishes
- Heavy Gauge Manufacturing Capability
- Widest Products in the industry
- Specialty Tooling/Customer Specific Projects
- No Minimum Order Quantities
- Excellent Product Quality



“DOING THINGS RIGHT THE FIRST TIME”

That’s what quality is all about at Corrugated Metals, Inc. We put over 128 years of experience into every rollformed product we produce and it shows. On-spec color, precision-cut lengths, and everything delivered to tolerances and specifications. Not only do we employ the latest production technology, we continually invest in upgrading the skills of our people. We’re very proud of our dedicated work force because they are really the most important element in “Doing things right the first time.” We’re certain you’ll notice the difference this absolute commitment to quality makes. Thank you for considering Corrugated Metals for your next project. We’re confident you’ll be pleased with both our cost-effective products and high level of professional performance.

