

# ARCHITECTURAL METAL PRODUCTS



## Extrusion Curving and Bending

Extruded aluminum profiles can be curved to suit the requirements of any industry. Example applications include heavy curtain wall sections, pressure plates and snap-on caps (circle head and arched profiles), single and compound curves, preformed wall panels, ornamental metal (stair stringers, handrails and railings, casings, sheet metal, etc.), expansion joints, metal stud and framing systems for curvilinear walls and ceilings, and similar applications. Example clients we have performed metal forming operations for include Kawneer, PPG and Zimmcor.

### **Metal fabricating:**

Conventional or standard as well as custom metal items can be fabricated by Embury Company. Example list includes: sheet metal enclosures, ornamental sheet metal, door, window and curtain wall products, exterior wall panels, fascia and spandrel panels, beam and column covers, stairs, hand rails and railings, corner guards, framing systems for geodesic structures, space frames, miscellaneous metals, specialty products such as louvers and vents, grilles and screens, service wall systems and modules (FHC cabinets, waste receptacles, etc.), prefabricated exterior specialties (spires, cupolas, steeples, etc.), identifying devices (directories, bulletin boards, signage, etc.), pedestrian control devices, lockers, protective covers, postal "specialties, partitions, storage shelving, kitchen equipment, plumbing securityware, telephone specialties (enclosures, directory units, shelves, etc.), roofing products, equipment, special construction storage tanks, and similar applications.

Rapid Transit Shelter

### **Shapes:**

Any shape extrusion including all types of snap together sections can be usually handled without difficulty during bending and radiusing operations. Illustrated below are a variety of stock and custom aluminum sections which can be curved. Note the "EASY WAY" and "HARD WAY" sections; this is the terminology used to describe the direction in which the profile is to be curved.

Stainless steel column covers, elevator entrance and escalator panels

### **Caution:**

It is advisable to contact Embury Company before fabrication or cutting of materials required for extrusion bending operations, prior to shipping. In most cases, 18" of material beyond each end of circumference dimension is required.

Finishes: In most cases, components or sections to undergo curving operations can be supplied to Embury Company pre-finished, however in certain instances it may be beneficial to apply finish after forming, particularly where tight radii are involved.

### **Availability and Costs:**

Available throughout U.S. and Canada. Contact Embury Company for current list of agents and pricing information.

Entrance Canopy

**Warranty:**

Normal 1 year construction warranty against defects and workmanship on all manufactured Embury Company products. Extended warranties available on special applications and on metal finishes or coating as per finish manufacturer's guarantee.

**Technical Services:**

Embury Company provides a complete technical consultation service, available to the professions and trades for design assistance, special metal fabrication and finish recommendations, including renovation suggestions. Early consultation can reduce construction costs by simplifying preparation and fabrication.



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