



## CAST METAL PLAQUES by Matthews International

**Note:** These specifications were current at the time of publication but are subject to change without notice. Please confirm the accuracy of these specifications with the manufacturer and / or distributor prior to installation.

### SECTION 10 14 16 PLAQUES

*SPECIFIER NOTE: This product guide specification is written according to the Construction Specifications Institute (CSI) Format, including MasterFormat, SectionFormat, and PageFormat, as contained in the CSI Manual of Practice.*

*The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building codes. Coordinate this section with other specification sections and the drawings.*

*Delete all italicized "Specifier Notes" when editing this section.*

*This section covers cast plaques manufactured by Matthews International. For assistance with specific product applications, please contact the manufacturer. Detailed technical information, including available sizes, may be obtained from the Matthews International corporate website at [www.matthewsid.com](http://www.matthewsid.com). Contact the manufacturer for additional information and for assistance in editing this section for your specific application.*

### PART 1: GENERAL

#### 1.1 Section Includes

- A. Cast Metal Plaques
- B. ImageCast™ Cast Metal Plaques

#### 1.2 Related Sections

*SPECIFIER NOTE: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.*

- A. Section 09 70 00 – Wall Finishes
- B. Section 10 13 10 – Directories
- C. Section 10 13 23 – Panel Signage
- D. Section 10 14 20 – Dimensional Letters
- E. Section 10 14 26 – Post & Panel

#### 1.3 Submittals

- A. Comply with Section 01 33 00 - Submittal Procedures.

- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, indicating materials, dimensions, edge conditions, textures, typography, artwork, finish, mounting and accessories.
- D. Samples: Submit manufacturer's standard color chart for selection purposes and selected colors for verification purposes.
- E. Warranty: Submit manufacturer's standard lifetime warranty against defects in craftsmanship and materials.

#### **1.4 Quality Assurance**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Installer Qualifications: Minimum two years documented experience in work of this Section.

#### **1.5 Delivery, Storage and Handling**

- A. Comply with manufacturer's recommendations for delivery, storage and handling.
- B. Deliver materials to site in manufacturer's original, unopened packaging, with labels clearly identifying product name, manufacturer, and location of installation. Upon delivery, materials shall be inspected for damage. Deficient materials shall not be used.
- C. Storage: Store materials in a clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- D. Handling: Protect materials and finish from damage during handling and installation.

## **PART 2: PRODUCTS**

### **2.1 Manufacturer**

- A. Matthews International Corporation. 2 North Shore, Pittsburgh, PA 15212  
Phone: (412) 571-5500 Toll Free: 1-800-950-1317 Fax: 1-866-814-4028 Web:  
[www.matthewsid.com](http://www.matthewsid.com).

SPECIFIER NOTE: *Delete one of the following two paragraphs; coordinate with requirements of Division 1 on product options and substitutions.*

- B. Substitutions: Not permitted.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

SPECIFIER NOTE: *Edit the following paragraphs as required to specify the Cast Plaque applicable to the project. Delete those not required.*

### **2.2 Cast Plaques**

- A. Material: [Cast Bronze] [Cast Aluminum]

SPECIFIER NOTE: *Consult the manufacturer for assistance in determining optimum plaque width and height. Circular Cast Plaques and special shaped plaques like ovals are also available. Contact the manufacturer for more information.*

- B. Size: [ ] tall x [ ] wide

C. Border Options:

1. Standard Border: [Single Line] [Double Line] [Single Line Bevel Edge] [Straight Edge (no border)] [Bevel edge]

SPECIFIER NOTE: *Optional flat decorative borders can be produced from black and white line art or created from custom artwork.*

2. Flat Decorative Border: [Adam] [Floral Stencil] [Greek Key] [\_\_\_\_\_]

SPECIFIER NOTE: *Optional sculpted ornamental borders are available at an additional charge.*

3. Ornamental Sculpted border: [Lamb's Tongue] [Ogee] [Egg & Dart] [Ivy Leaf] [Beaded Bevel] [Oak Leaf] [Reed & Ribbon] [\_\_\_\_\_]

D. Finishes:

1. Background Texture: [Leatherette] [Pebble] [Travertine] [Sculptured]
2. Surface Finish: [Satin Bronze] [Polished Finish (*Bronze Only*)] [Satin Aluminum] [Chrome Plated Bronze] [Random-Orbital]
3. Optional Hand Rubbed Finish: [Antique (*on bronze*)] [Pewter (*on aluminum*)]
4. Painted Background Color: [Light Oxide Stain] [Dark Oxide Stain] [Dark Green] [Metallic Grey] [Black] [Natural Sandblast] [Light Bronze] [Medium Bronze] [Dark Bronze][Golden Bronze] [Dark Brown] [Dark Grey] [Medium Grey] [Light Grey] [Beige] [Cream] [Ivory] [White] [Orange] Dark Blue] [Medium Blue] [Light Blue] [Green] [Red] [Dark Red] [Maroon] [\_\_\_\_\_]

SPECIFIER NOTE: *Matthews recommends that all bronze plaques have a protective coating applied.*

5. Protective Coatings: [Matthews Semi-Gloss Clear Protective Lacquer for Interior or Exterior Applications][Gloss Diamond Shield Protective Coating for Exterior applications] [Matthews Clear Protective Lacquer]

E. Emblems & Special Décor:

SPECIFIER NOTE: *Matthews has over 9,000 standard emblems including many civic and fraternal organizations, religious groups, government agencies, and armed services. Many emblems are available in an assortment of sizes to fit different-sized plaques. They may have flat relief or sculpted bas-relief. Consult with the manufacturer for availability of a specific emblem.*

1. Standard Emblems and Logos:[Flat Relief][Bas-Relief]

SPECIFIER NOTE: *Virtually any emblem, seal, logo or crest can be added to your plaque in one of five ways: flat relief, bas-relief, ImageCast™, Etched or ALUMICOLOR. ImageCast™ is a patented process that combines the beauty of cast bronze with the detailed look of a photograph. ALUMICOLOR technology embeds UV resistant dyes into the anodic layer of anodized aluminum. Consult with manufacturer for project-specific recommendations.*

2. Custom Emblems and Logos:[Flat Relief] [Bas-Relief] [ImageCast™] [Etchings] [Alumicolor]

SPECIFIER NOTE: *You can add a portrait to your plaque in one of six ways: flat relief, bas-relief, ImageCast™, Etched, Metalphoto™ or ALUMICOLOR. Metalphoto™ uses a photo-sensitive aluminum sheet, available in either natural aluminum or gold tone aluminum. The sheet is exposed using a film negative made from a photograph using a UV light source. The image is produced as a permanent black image on the plate. Consult with manufacturer for project-specific recommendations.*

3. Portraits:[Flat Relief] [Bas-Relief] [ImageCast] [Etchings] [Metalphoto™ Portraits] [Alumicolor]

F. Mounting Methods:

1. Standard Mounting Methods: [Drill and Tap with Threaded Studs] [Boss and Stud] [Rosettes & Toggle Bolts (*for drywall*)] [Stud Mount (*for masonry*)] [Through-the-Face Mount] [Rosettes, Machine Screws & Expansion Sleeves (*for masonry*)] [Rosettes with Wood Screws (*for wood & plaster*)]
2. Optional Mounting Methods: [Granite Mount] [Invisible Frame] [Brass Rod Stake Mount] [Garden Stake Mount] [Square Post Back Mount] [Integral Post Cap Mount] [Post and Panel Mount] [Curved Plaques]

SPECIFIER NOTE: *Rosettes are decorative covers designed to conceal screw heads.*

- G. Rosettes: [Without Rosettes] [R2] [R4] [R5] [R16] [R16 with 1" Star] [R32] [R48] [R54] [R57] [R60] [R69] [R74] [R77] [R95] [R99] [R123] [R1023] [R1184] [R2140] [RH] [Star]
- H. Typestyle: [Condensed] [Normal] [Expanded]
- I. Letter style: [Specified in Points: \_\_\_\_\_] [Measured Value: \_\_\_\_\_]
- J. Letter size: [Matthews Choice] [Match as closely as possible] [Exactly as noted]
- K. Layout and Copy: [As indicated] [Center Copy] [Flush Left] [All Caps] [Upper/Lowercase] [Modify layout/line breaks (as needed)]

### 2.3 IMAGECAST™ Cast Plaques

SPECIFIER NOTE: *ImageCast™ combines the enduring distinction of cast bronze or aluminum with detailed look from a customer-supplied photograph.*

- A. Material: [Cast Bronze] [Cast Aluminum]

SPECIFIER NOTE: *Consult the manufacturer for assistance in determining optimum plaque width and height. Circular Cast Plaques and special shaped plaques like ovals are also available. Contact the manufacturer for more information.*

- B. Size: [\_\_\_\_\_] tall x [\_\_\_\_\_] wide x [\_\_\_\_\_] deep

SPECIFIER NOTE: *The Collage style of ImageCast™ has the photographs as the majority of the background with minimal type or wording right on the background of the plaque. The Legacy Style features distinct, separate areas for the photography and type. These areas may or may not be separated by a line or border. Consult with manufacturer for project-specific recommendations.*

- C. Style: [Collage] [Legacy]

D. Mounting Methods:

1. Standard Mounting Methods: [Rosettes & Toggle Bolts (*for drywall*)] [Stud Mount (*for masonry*)] [Through-the-Face Mount] [Rosettes, Machine Screws & Expansion Sleeves (*for masonry*)] [Rosettes with Wood Screws (*for wood & plaster*)]
2. Optional Mounting Methods: [Invisible Frame] [Brass Rod Stake Mount] [Garden Stake Mount] [Square Post Back Mount] [Integral Post Cap Mount] [Post and Panel Mount] [Curved Plaques]

- E. Rosettes: [Without Rosettes] [R2] [R4] [R5] [R16] [R16 with 1" Star] [R32] [R48] [R54] [R57] [R60] [R69] [R74] [R77] [R95] [R99] [R123] [R1023] [R1184] [R2140] [RH] [Star]
- F. Typestyle: [Condensed] [Normal] [Expanded]
- G. Letter style: [Times] [Helvetica] [Cheltenham] [\_\_\_\_\_] [Use submitted artwork]
- H. Letter size: [Matthews Choice] [Match as closely as possible] [Exactly as noted]
- I. Layout and Copy: [As indicated] [Center Copy] [Flush Left] [All Caps] [Upper/Lowercase] [Modify layout/line breaks (as needed)]

## **PART 3: EXECUTION**

### **3.1 Examination**

- A. Site Verification of Conditions: Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.2 Installation**

- A. Clean surfaces thoroughly prior to installation.
- B. Install plaque in accordance with manufacturer's instructions using mounting methods specified.
- C. Install plaque level, plumb, at heights and locations indicated.
- D. Install product at heights to conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and applicable local amendments and regulations.

### **3.3 Cleaning, Protection & Repair**

- A. Repair scratches and other damage which might have occurred during installation.
- B. Clean the installed product in accordance with manufacturer's instructions.
- C. Remove construction debris from project site in accordance with provisions outlined in Division 1.

**END OF SECTION**