

## Part I – General

### 1.1 Scope

- A. Furnish letters and hardware necessary to install metal laminate on impact modified acrylic letters or logos, as shown on drawings and herein specified.

### 1.2 Submittals

- A. Manufacturer's illustrated product literature and specifications.
- B. Installation instructions

### 1.3 Quality Assurance

- A. Manufacturer to have a minimum of 20 years experience in manufacturing letters.
- B. All letters to be manufactured by one manufacturer.

## Part II – Products

### 2.1 Acceptable Manufacturer or Manufacturer's Representative

- A. Gemini Incorporated  
103 Mensing Way  
Cannon Falls, MN 55009  
Phone: 800-538-8377 or 507-263-3957  
Fax: 800-421-1256 or 507-263-4887  
Email: sales@geminisignproducts.com  
Web: [www.GeminiSignProducts.com](http://www.GeminiSignProducts.com)

### 2.2 Materials (Metal Laminate on Impact-modified acrylic)

- A. Gemini extrudes its own impact-modified acrylic in 25 standard pigmented colors, 1/8" to 1/2" thick. Gemini's acrylic offers good rigidity & tensile strength, is resistant to chemicals & corrosion, and has UV inhibitors to help prevent colors from fading. Cast acrylic sheet is stocked in Clear that is 3/4" and 1" thick.
- B. .030" Metal Laminate (Chemetal Aluminum), available in multiple colors and metal finishes (standard or special order options).

### 2.3 General Construction.

- A. Metal laminate is bonded to the impact modified acrylic base using a Bern-Lok process of lamination.
- B. Computerized vector files are imported, cleaned and oriented for cutting.
- C. Horizontal grain direction on laminate is standard, vertical direction available upon request.
- D. Letter heights range from 3" to 24". Largest single piece = 30" (must be stud mounted). Minimum .250" stroke.
- E. Letters with 1/8" to 1/2" acrylic bases are available in pigmented impact-modified acrylic plastic or can be painted. Letters 3/4" & 1" thick acrylic bases are available clear or painted (standard or custom colors).
- F. Laminate sheet is router cut with a .070 & .095" corner radius (based on size), per art file.

### 2.4 Mounting Hardware

- A. Metal laminate on acrylic letters is available plain, with double face tape, stud, pad, combination, or combination all for mounting options. Flush stud is available with 3/8" and thicker acrylic.
- B. Standard metal laminate on acrylic letters use 6/32, 10/24 or 1/4-20 studs, based on size and stroke (aluminum or stainless steel studs). Spacers available upon request.

### 2.5 Manufacture

- A. Letters shall be made of metal laminate on acrylic.
- B. Letters shall be \_\_\_\_\_ letter style and shall be \_\_\_\_\_ inches high, and \_\_\_\_\_ inches thick as indicated on the drawings.
- C. Mounting shall be \_\_\_\_\_ and a mounting template designating stud locations is/is not required for mounting on a \_\_\_\_\_ surface

## Part III – Execution

### 3.1 Installation

- A. A qualified installer shall install metal laminate on acrylic letters and logos.

### 3.2 Warranty

- A. Laminate letters are designed for Interior use only. Exterior letter use does not carry a warranty.

### 3.3 Maintenance

- A. Cleaning as needed per manufacturer recommendations.