FORMED PLASTIC Letters/Logos Specifications  
Rev. 4/2/19

Part I – General

1.1 Scope
A. Furnish letters and hardware necessary to install thermoformed (formed) plastic letters and 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 25 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

2.2 Materials
B. Material tested to J2527, based on test parameters of SAE J1960 for UV exposure resistance.
   1. Specific heat of about 0.35. Specific Gravity 1.16-1.21
   2. Heat Combustion of approximately 10,400 BTU per pound (2.42 x 107 J/Kg).
   4. UL94 Flame Class: 94HB. Flame Spread Index: 130 (NFPA 286: Group B: Flame Spread: 26-75)
   5. Burn rate of .08/min.
   6. Smoke Develop. Index: 416

2.3 General Construction
A. Thermoformed (Formed) in standard letter style or symbol, per catalog, or custom letters-logos, per customer’s vector art files.
B. Colors: Formed in standard pigmented C.A.B. color, or painted with acrylic polyurethane to match custom colors or art designs.
   Common options: painted returns, painted flange, painted border, painted face – one or multiple colors.
C. Profiles: Flat face, Round Face, Prismatic Face or Sculpted per art. Individual letters/logos or connected per vector art.
D. Sizes: single pieces up to 45"x 68". Larger pieces up to 2 sections.

2.4 Mounting & Hardware
A. Mounting options: Plain, Flange, Stud (Stud/Brick, Stud/Block, Stud/Rail), Pad, Combination, Combination All, Outside Bracket.
B. Hardware: 10-24 (3/16") 5056 Alloy Aluminum threaded studs (Stainless Steel 302 alloy Studs-optional) 2"-3"long studs are standard – longer studs available upon request.
C. Drill Patterns available as installation guide for any mounting with studs. Spacing Guide for pad mounted letters.

2.5 Manufacture
A. Letters shall be made of cellulose acetate butyrate (C.A.B).
B. Letter shall be __________________ letter style and shall be __________ inches high, as indicated on the drawings.
C. Mounting shall be ________________ and a drill pattern, designating stud locations, IS / IS NOT required for mounting on a __________ surface.

Part III – Execution

3.1 Installation
A. A qualified installer shall install formed plastic letters.

3.2 Warranty
A. Letters should be guaranteed for the life of the business against defects.

3.3 Maintenance
A. Cleaning as needed per manufacturer recommendations.