

## **SECTION 10420 - SIGNAGE AND GRAPHICS**

### **PART 1 – GENERAL**

#### **1.1 Related Documents**

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### **1.2 Summary**

A. This Section includes the following interior and exterior signage:

1. Dimensional characters (letters, numbers and graphics) for exterior use.
2. Signage accessories.

#### **1.3 Submittals**

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of sign.

B. Shop Drawings: Include plans, elevations, and large-scale sections of typical members and other components. Show mounting methods, grounds: mounting heights, layout, spacing, reinforcement; accessories, and installation details.

1. Provide message list for each sign.
2. Furnish templates for installation of dimensional characters.

C. Samples for Initial Selection: For each type of sign material that involves color selection.

D. Samples for Verification: For each type of sign, include the following Samples to verify color selected:

1. Dimensional Characters: Full-size Samples of each type of dimensional character (letter and number) required. Show character style, material, finish, and method of attachment.
2. Approved samples will be returned for installation into Project.

E. Maintenance Data: For signage cleaning and maintenance requirements to include in maintenance manuals.

#### **1.4 Warranty**

A. The signage products shall be guaranteed against defects in materials and workmanship for one year from substantial completion, when used in a normal interior and/or exterior environment.

## **PART 2 - MATERIALS**

### **2.1 Dimensional Characters**

**A. Basis of Design:** Dimensional characters shall be manufactured by Sign Masters, Kansas City, Kansas. Alternative manufacturers will be accepted with prior approval.

**B. Material Composition:** Solid polymer, cast, filled acrylic, meeting ANSI 2124 1980, Type Six and FS WW-P54EIGEN (8-1/80).

1. Thickness: 1/2-inch.
2. Finish and Color: Brushed aluminum texture finished acrylic enamel paint to match anodized aluminum.

**C. Form individual letters and numbers to reduce characters with smooth flat faces, sharp corners, and precisely formed lines and profiles, free from pits, scale, sand holes, and other defects. Cast lugs into back of characters and tap to receive threaded mounting studs. Comply with requirements indicated for finish, style, and size.**

**D. Mounting:** Surface mounted with foam tape and 100% silicone adhesive.

## **PART 3 - EXECUTION**

### **3.1 Examination**

**A. Examine substrates, areas: and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.**

**B. Verify that items provided under other sections of Work are sized and located to accommodate signs.**

**C. Examine supporting members to ensure that surfaces are at elevations indicated or required to comply with authorities having jurisdiction and are free from dirt and other deleterious matter.**

**D. Proceed with installation only after unsatisfactory conditions have been corrected.**

### **3.2 Installation**

**A. General:** Locate signs and accessories where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.
2. Signs shall be vertically mounted.
3. Care shall be taken in mounting signs to provide for the normal expansion and contraction of the sign resulting from temperature change.

B. Dimensional Characters: Mount characters using standard fastening methods recommended in writing by manufacturer for character form; type of mounting, wall construction, and condition of exposure indicated.

### **3.3 Cleaning and Protection**

A. After installation, clean soiled sign surfaces according to manufacturer's written instructions. Protect signs from damage until acceptance by Owner.

**END OF SECTION 10420  
SIGNAGE AND GRAPHICS**