

SECTION 101400

INTERIOR SIGNAGE – REFLECTION SIGN SYSTEM

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Description of Work. Work of this Section includes, but is not limited to, the following:
 - 1. *[Spec Writer: List sign types.]*
 - 2. Room ID Signs
 - 3. Informational Signs
 - 4. ADA Signs
 - 5. Code and Regulatory Signs
 - 6. Wayfinding Signs
- B. Related Sections include the following:
 - 1. *[Spec Writer: Add related section information.]*

1.3 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of the Contract and Division 1 Specification Sections.
- B. Product Data: Submit manufacturer's construction details relative to materials, dimensions of individual components, profiles and finished for each type of sign required.
- C. Shop Drawings: Show fabrication and installation details for signs.
 - 1. Provide message list, typestyles, graphic elements, including tactile characters and Braille and artwork for each type of sign required.
 - 2. Provide mounting heights and methods for each type of sign required.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing sign colors and finishes.
- E. Verification Samples: One full size sample, representing type, style and colors including method of attachment of the following:
 - 1. *[Spec Writer: List sign type(s) for verification sample(s).]*
 - 2. *[Spec Writer: Select: Samples will be returned for use in Project or Samples will not be returned for use in Project.]*

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to that required in this Project.
- B. Manufacturer Qualifications: Firm or company specializing in architectural signage with not less than 5 years documented, successful experience with work comparable to that required for this Project.

- C. Source Limitations for Signs: Obtain each type of sign from one source from a single manufacturer.
- D. Regulatory Requirements:
 - 1. Comply with applicable requirements of authorities having jurisdiction over Project.
 - 2. Comply with applicable provisions in ADA Accessibility Guidelines and ANSI A117.1.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results.
- B. Do not install products under environmental conditions outside manufacturer's absolute limits.
- C. Field Conditions: Take field measurements prior to preparation of shop drawings and fabrication to ensure proper fitting and mounting. Where sizes of signs may be affected by dimensions of surfaces on which they are installed, verify dimensions by field measurement. Coordinate fabrication schedule with construction progress to avoid delay.

1.7 SEQUENCING AND SCHEDULING

- A. Schedule sign installation after room finishes and fixtures have been completed.

1.8 WARRANTY

- A. Provide manufacturer's standard limited warranty covering manufacturing defects.
- B. Warranty period is (1) year from date of installation completion.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer:
 - 1. All authorized Mirtec Architectural Signage Solutions Dealers. Please contact dshamp@mirtec-usa.com, 612.423.8881 for a complete list.
- B. Acceptable Product:
 - 1. Fascia Sign System as manufactured by authorized Mirtec Architectural Signage Solutions Dealers
 - 2. Substitutions: Not permitted.
 - 3. Requested for substitutions will be considered in accordance with provisions in Section 012500.

2.2 INTERIOR SIGNS

- A. Standard Products: The following interior sign system shall be provided in locations indicated.
- B. Reflection Sign System. Reference drawings for location of colors, finishes, sizes and details. Reference signage schedule for sign text.
 - 1. Sign Size and Style: Refer to sign type drawings and message schedule for required sign sizes and styles.
 - 2. Frame Finish: [*Spec Writer: Select frame finish/color.*]
 - a. Clear Anodized Aluminum
 - b. Painted, List Color
 - 3. ADA Options [*Spec Writer: Select ADA option.*]
 - a. Applied Text and Raster Braille
 - b. Photopolymer
 - 4. Text Color
 - a. [*Spec Writer: List text color(s).*]
 - 5. Sign Background Color
 - a. [*Spec Writer: List text color(s).*]
 - 6. Graphics and/or Accent Color
 - a. [*Spec Writer: List graphic and/or accent color(s).*]
- C. Materials and Construction:
 - 1. Frame – Fabricated from a single piece of 6063 aluminum extrusion that is cut to length with a depth of .32 inch. The frame has a brushed finish and has set screws that lock the faceplate into place.
 - 2. Faceplate - .020 inch thick non-glare acrylic with polished edges. Second surface background color.
 - a. [*Spec Writer: Faceplate option is photopolymer.*]
 - 3. ADA Braille and Raised Characters – Raised characters and Braille with a minimum of 1/32 inch depth/thickness. Raised characters to be computer-cut and have a matte finish.
 - a. [*Spec Writer: ADA Braille and raised characters option is photopolymer.*]
 - 4. Dividers - .012 inch aluminum dividers for multiple panel sign.
 - a. [*Spec Writer: Dividers are only required for multiple panel signs.*]
 - 5. Fasteners – Signs shall be able to accommodate fully concealed mounting, excluding mounting brackets.
- D. Standard Mounting Methods: [*Spec Writer: select all applicable mounting methods.*]
 - 1. Tape – 3M High Bond VHB Adhesive Tape (TP)
 - 2. Tape and Construction Adhesive (TPA)
 - 3. U-Shape Cubicle Bracket - [*Aluminum or Acrylic*] (CB)
 - 4. Desktop Angle Stand - [*Aluminum or Acrylic*] (DK)
 - 5. Double-sided Desktop Stand - [*Aluminum or Acrylic*] (DD)
 - 6. Elevated – 1/8 inch Thick Acrylic with 3M Adhesive Tape (EL)
 - 7. Projecting Flush Mounted – [*Aluminum or Acrylic*] (PJ)
 - 8. Projecting 1 inch from Wall – [*Aluminum or Acrylic*] (PJP)
 - 9. Projecting 1 inch from Wall Curved Bracket – Aluminum (PJC)
 - 10. Mechanical Fasteners with Wall Anchors (MF)
 - 11. Vinyl Glass Backer to Conceal Mounting for Glass Mounted Signs (GB)

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine substrates and adjoining construction, and conditions under which work is to be installed. Do not proceed with work until unsatisfactory conditions are corrected.
- B. If substrate preparation is the responsibility of another installer, notify Architect or unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install in accordance with final shop drawings and manufacturer's instructions.
- D. Install plumb, level and at heights indicated with secure attachment to substrates.
- E. Installation of signs shall conform to requirements of the Americans with Disabilities Act (ADA) and/or state or local accessibility standards.

3.3 CLEANING AND PROTECTION

- A. After installation, clean soiled sign surfaces according to manufacturer's written instructions prior to final acceptance.
- B. Remove temporary coverings and protection to adjacent work areas.
- C. Remove from site all unused products, materials, packaging and debris at the end of each day.

END OF SECTION