



SIGN SPECIFICATIONS

SECTION 10425 – PANEL SIGNS

PART 1 – GENERAL

1.0 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract Documents, including General and Supplementary Conditions and Division 1 Specifications, apply to this section.

1.0 SUMMARY

- A. This section includes the following:

- 1. Panel Signs

1.1 SUBMITTALS

- A. Product Data: Include fabrication drawings to show construction details, material descriptions, dimensions of individual components and profile views and finishes for each type of sign.
 - B. Provide Message List for each sign including large-scale details of wording, lettering, artwork and Braille layout.
 - C. Samples for initial selection: For each type of sign material indicated that involves color selection.
 - 1. Provide message list for each sign, details of wording, lettering and Braille layout.

1.2 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of craftsmen trained and certified by sign manufacturer.
 - B. Source Limitations: Obtain each sign type from single manufacturer.
 - C. Regulatory requirements: Comply with the Americans with Disabilities Act (ADA) and with code provisions as adopted by local authorities having jurisdiction.

1.3 PROJECT CONDITIONS

- A. Field Measurements: Where sizes of signs are determined by dimensions of surfaces on which they are installed, verify dimensions by field measurement prior to fabrication and indicate measurements on shop drawings.

PART 2 – PRODUCTS

2.0 MANUFACTURERS

Graphics 22 Signs, Inc.
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2.1 PANEL SIGNS

A. General: Provide panel signs that comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes and details of construction.

1. Produce smooth panel sign surfaces constructed to remain flat under installed conditions with tolerance of plus or minus 1/32 inch (.75mm) measured diagonally.

Panel Material: Jet ADA Phenolic Series Photopolymer

1. Composition: 0.040 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on ultraviolet resistant clear .120 PETG sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable.

2. Sustainable Certification: MR credit 6 EQ Credit 4.4 IEQ Credit 8.2

A. Manufacturer's standard and as follows:

1. Color: As selected by Architect from manufacturer' full range.
2. PVC backer if requested: Extruded, high-impact acrylic Plastic in color as selected by Architect.
3. Cast Acrylic Sheet backer if requested: Provide matte acrylic with overall thickness of (1/8", 1/16" or 1/4").

B. Graphic Content and Style: Provide sign copy that complies with requirements indicated in the Drawings and Contract Documents for size, style, spacing, content, mounting height and location. Materials, finishes and colors of signage.

C. Tactile and Braille Copy: Manufacturer's standard process for producing copy complying with ADA Accessibility Guidelines and ICC/ANSI A117.1. Text to be accompanied by Grade 2 Braille. Integral to backer material

1. Panel Material: Phenolic Photopolymer sheets
2. Raised Copy and pictogram to be integral to backer (one piece construction) panel to produce raised copy no less than 5/8" height and no less than 1/32 inch (0.8 mm) raised with accompanying braille message.

2.2 ACCESSORIES

A. Vinyl Film: Provide opaque non-reflective vinyl film, 0.0035 inch (0.089mm) minimum thickness, with pressure sensitive adhesive backing suitable for both exterior and interior applications.

B. Mounting Methods: Use double-sided vinyl tape fabricated from materials that are not corrosive to sign material and mounting surface. Apply small amount of clear silicone adhesive to back of sign before installation.

C. Anchors and Inserts: Provide non-ferrous metal or hot dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.

D. Mechanical Fasteners: Use nonremovable mechanical fasteners placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.

E. Frames: Fabricate frames to profile indicated; comply with the following requirements for materials and corner conditions:

3. Material: Aluminum, extruded or cast.

4. Plastic

Corner Condition: Square or radius

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