

**ASE PRODUCT SERIES EN 400 (1/8"), EN 401 (1/4")
ENGRAVED ACRYLIC**

**DIVISION 10
SECTION 10440 – INTERIOR SIGNAGE**

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Interior panel signs.

1.2 REFERENCES

- A. Department of Justice - Title II regulation (28CFR Part 35) and Title III regulation (28 CFR Part 36).
- B. ICC/ANSI A117.1 2003 Standard on Accessible and Useable Buildings and facilities or applicable standards of authorities having jurisdiction.
- C. ADA Accessibility Guidelines for Buildings and Facilities – ADAAG.

1.3 SUBMITTALS

- A. Submit the following according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product Data: Manufacturers descriptive literature for each sign product specified including installation instructions.
- C. Shop Drawings: Elevation and plan drawings for each sign type showing: material, thickness, color, design, shape, size, edge, corner; text, Braille and/or pictogram layout, and components.
- D. Sample: Provide a sample of each sign product specified to verify compliance with the drawings and specifications.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store products in protective packaging until ready for installation.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

Provide signs based on ASE, Inc. Product Series:[**EN 400 (1/8")**][**EN 401 (1/4")**] Engraved Acrylic.

Architectural Signs & Engraving, (ASE, Inc.) 10110 Highway 12, Orofino, ID 83544. Ph: (800) 599-8371 Fax: (800) 599-8372.

2.2 MATERIALS

- A. Acrylic sheet: Cast methyl methacrylate monomer plastic sheet
 - 1. ASTM D790 minimum flexural strength – 16,000 psi.
 - 2. Maximum continuous temperature – 180 – 200 degrees F.
- B. Single ply modified acrylic plate.
- C. Lexan: Polycarbonate resin thermoplastic.

2.3 FABRICATION

- A. Signs shall comply with the regulations and standards referenced in 10440.1.2.
- B. Acrylic sheet shall be CNC cut to specifications with square or radius corners, and/or custom shapes.
- C. 1/32 inch modified acrylic appliqué shall be adhered to the plate with a high bond chemical adhesive and the text and/or symbols shall be CNC cut to specifications.
- D. Domed grade 2 Braille shall be embedded in the surface.
- E. Comply with requirements indicated for material, thickness, color, finish, design, shape, size and details of construction.
- F. Text and symbols shall contrast with their background, i.e. light characters on a dark background or dark characters on a light background.
- G. Background shall be sub-surface silk-screened and/or sub-surface painted.

2.4 SIGNS

- A. Provide signs in accordance with Section 10440.3.4 (See sign schedule and drawings.)
- B. Engraved signs:
 - 1. **[Text and graphics color to be selected by Architect.] [Text and graphics color to be selected by Architect from manufacturers standard colors.]**
 - 2. Background color to be selected by Architect.
 - 3. Sign size: Refer to sign schedule and/or drawings.
 - 4. Text size: **[5/8 inch high (min)][Size]**, raised 1/32 inch, with grade 2 Braille below text.
 - 5. Graphics: International symbols for indicated information.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify that substrate has been properly prepared and that surfaces are cured.
- B. Notify Architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. Locate signs where indicated or directed by Architect. Install level and plumb in accordance with manufacturers recommendations.
- B. Locate in accordance with Section 10440.1.2.

3.3 PROTECTION

Protect installed products until project completion. Clean signs according to manufacturers instruction.

3.4 SCHEDULES

[Sign Schedule][Reference to location of Sign Schedule][Sign Drawings][Reference to location of Sign Drawings]

END OF SECTION