

**ASE PRODUCT SERIES PE 200 (1/16"), PE 201 (1/8"), PE 202 (1/4")  
POLY-ETCHED® PHOTOPOLYMER**

**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.
- B. Store in a dry environment. DO NOT STORE IN A HUMID ENVIRONMENT.

## **PART 2 – PRODUCTS**

### 2.1 MANUFACTURERS

Provide signs based on ASE, Inc. Product Series: **[PE 200 (1/16”)] [ PE 201 (1/8” ) ] [ PE 202 (1/4” ) ]** Poly-Etched® Photopolymer.  
Architectural Signs & Engraving, (ASE, Inc.) 10110 Highway 12, Orofino, ID 83544. Ph: (800) 599-8371 Fax: (800) 599-8372.

### 2.2 MATERIALS

- A. Photopolymer plate: Moisture Resistant Polyamide Nylon with minimum face relief of .032” and maximum face relief of .040” on UV capped clear PETG plastic sign base.
- B. Photopolymer material shall be of single piece construction. Laminated photopolymers are not acceptable.

### 2.3 FABRICATION

- A. Signs shall comply with the regulations and standards referenced in 10440.1.2.
- B. Photopolymer plate shall be CNC cut to specifications with square or radius corners, and/or custom shapes.
- C. Computer printed negatives shall be placed on the sign surface and exposed to ultra violet light. This photomechanical process hardens the exposed resin and the unexposed portions shall be dissolved away to create raised images in a one-piece format.
- D. Engraved tactile characters are not acceptable.
- E. Comply with requirements indicated for material, thickness, finish, color, 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 painted with UV stabilized Acrylic Polyurethane. The raised portions shall be silk screened or hot stamped. A matte finish coat of clear satin urethane shall be applied for maximum protection. Edges shall be painted.

## 2.4 SIGNS

- A. Provide signs in accordance with Section 10440.3.4 (See sign schedule and drawings.)
- B. Photopolymer signs:
  - 1. Colors:
    - a. Text and graphics colors selected by Architect.
    - b. Background color selected by Architect.
  - 2. Sign size: Refer to sign schedule and/or drawings.
  - 3. Text size: **[5/8 inch high (min)][Size]**, raised 1/32 inch, with grade 2 Braille below text.
  - 4. 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**