

**ASE PRODUCT SERIES ACV 900 (1/16"), ACV 901 (1/8"), ACV 902 (1/4")  
NON-ADA ACRYLIC/VINYL SIGNAGE**

**DIVISION 10  
SECTION 10440 – INTERIOR SIGNAGE**

**PART 1 – GENERAL**

1.1 SECTION INCLUDES

- A. Interior panel signs.
- B. Directories.
- C. Stairwell signage.
- D. Ceiling signage.
- E. Informational signage.

1.2 REFERENCES

- A. ICC/ANSI A117.1 2003 Standard on Accessible and Useable Buildings and facilities or applicable standards of authorities having jurisdiction.

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, 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: **[ACV 900 (1/16")**  
**[ACV 901 (1/8")][ACV 902 (1/4")]**.

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. Vinyl: High performance cast vinyl film.
  - 1. Face film: 2.1 mil opaque high gloss high performance.
  - 2. Adhesive: 1.0 mil clear acrylic permanent solvent pressure-sensitive adhesive.
  - 3. Outdoor durability: 8 year rating.
  - 4. Service temperature range: -50° F to 180° F.

## 2.3 FABRICATION

- A. Acrylic sheet shall be CNC cut to specifications with square or radius corners, and/or custom shapes.
- B. For surface applications the face of the acrylic shall be painted with acrylic polyurethane and vinyl mounted to the surface. For subsurface applications vinyl shall be mounted to the back surface and the acrylic polyurethane background color shall be painted over the vinyl.
- C. For exterior applications a matte clear coat of acrylic polyurethane shall be applied for added protection.
- D. Comply with requirements indicated for material, thickness, color, finish, design, shape, size and details of construction.

## 2.4 SIGNS

- A. Provide signs in accordance with Section 10440.3.4 (See sign schedule and drawings.)
- B. Acrylic signs:
  - 1. Text and graphics color to be selected by Architect.
  - 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.
  - 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**