

**ASE PRODUCT SERIES TF 200 (1/16"), TF 201 (1/8"), TF 202 (1/4")
THERMOFORMED ACRYLIC (AVAILABLE UP TO 1" THICK)**

**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: **[TF 200 (1/16”)]****[TF 201 (1/8”)]** **[TF 202 (1/4”)]** Thermoform Acrylic Architectural Signs & Engraving, (ASE, Inc.) 10110 Highway 12, Orofino, ID 83544. Ph: (800) 599-8371 Fax: (800) 599-8372.

2.2 MATERIALS

- A. Thermoformed plate: Thermoplastic, or thermosoftening plastic, is a plastic polymer material that becomes pliable or moldable at a certain elevated temperature and solidifies upon cooling
- B. Thermoformed material shall be of single piece construction. Laminated acrylics are not acceptable.

2.3 FABRICATION

- A. Signs shall comply with the regulations and standards referenced in 10440.1.2.
- B. Thermoforming is a manufacturing process where a plastic sheet is heated to a pliable forming temperature, formed to a specific shape in a mold, and has integrally formed raised text and Braille.
- C. Engraved tactile characters are not acceptable.
- D. Window signage; 1/16” Thermoformed Acrylic top plate with bottom plate (viewable window) being 1/16” non glare acrylic laminated to an 1/8” clear acrylic backplate with routed pocket to hold insert.
- 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. Thermoformed 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