

**ASE PRODUCT SERIES RE650
TACTILE VISIONS BLAST-ETCHED® PHENOLIC**

BLAST-ETCHED® PHENOLIC /

**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

- A. Provide signs based on ASE, Inc. Product Series: **RE650** Blast- Etched® Solid Surface Phenolic Laminate
Architectural Signs & Engraving, (ASE, Inc.) 10110 Highway 12,
Orofino, ID 83544. Ph: (800) 599-8371 Fax: (800) 599-8372.

2.2 MATERIALS

- A. Solid Surface Phenolic Laminate:
 - 1. Provide laminate made of 100% FSC Certified recycled paper, water based phenolic, cashew nut shell binder, and pigment.
 - 2. Minimum post consumer recycled content shall be 50%
 - 3. Shall be certified by the Forest Stewardship Council, Smartwood and the Rainforest Alliance.
 - 4. Shall be resistant to abrasion, stains, solvents and heat.
 - 5. Shall not emit VOC's or formaldehyde
 - 6. Shall have a Class A Fire Rating:
 - a. Flame Spread Index.....(20)
 - b. Smoke developed Index(110)

2.3 FABRICATION

- A. Signs shall comply with the regulations and standards referenced in 10440.1.2.
- B. Solid surface phenolic laminate shall be CNC cut to specifications with square or radius corners, and/or custom shapes.
- C. Text/graphics colors shall be painted on face of sign blank.
- D. Masking material shall be CNC cut to specifications, and adhered to painted surface.
- E. A Blast-Etched process shall be used to etch away the background to a depth of 1/32 inch leaving the text, symbols, grade 2 Braille, and borders (if applicable) integral with the sign.
- F. Sign face shall be of one-piece construction; engraved tactile characters are not acceptable.
- G. Braille shall be domed or rounded.
- H. Comply with requirements indicated for thickness, finish, color, design, shape, size and details of construction.
- I. **[Water reducible acrylic polyurethane applied to background.]**
[Tactile Visions UV ink graphic printed on background.]
- J. Text and symbols shall contrast with their background, i.e. light characters on a dark background or dark characters on a light background.
- K. Non-glare matte finish.

2.4 SIGNS

- A. Provide signs in accordance with Section 10440.3.4 (See sign schedule and drawings.)
- B. Sandblasted phenolic signs:
 - 1. Colors:
 - a. Text and graphics color selected by Architect
 - b. **[Background color selected by Architect.]**
[Tactile Visions graphics file supplied 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