

**ASE PRODUCT SERIES BEFG 801 (3/16") / BEFG 802 (1/4")
BLAST-ETCHED® FIBERGLASS**

**DIVISION 10
SECTION 10430 – EXTERIOR SIGNAGE**

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Exterior 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: [**BEFG 801 (3/16")**] [**BEFG 802 (1/4")**] Blast-Etched® Fiberglass. Architectural Signs & Engraving, (ASE, Inc.) 10110 Highway 12, Orofino, ID 83544. Ph: (800) 599-8371 Fax: (800) 599-8372.

2.2 MATERIALS

- A. Fiberglass plate: Glass reinforced, polymerized unsaturated polyester resin, UV inhibited composite
 - 1. Resistant to abrasion, stains, solvents and heat.
 - 2. Fire Retardant - NEMA rated.
 - 3. Non-glare matte finish.
 - 4. Maximum continuous temperature – 275 degrees F.
 - 5. Flexural strength – flat – 20,400 psi. in accordance with ASTM D790.

2.3 FABRICATION

- A. Signs shall comply with the regulations and standards referenced in 10430.1.2.
- B. Fiberglass plate shall be CNC cut to specifications with square or radius corners, and/or custom shapes.
- C. Masking material shall be CNC cut to specifications.
- D. 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.
- E. Sign face shall be of one-piece construction; engraved tactile characters are not acceptable.
- F. Comply with requirements indicated for material, thickness, finish, color, design, shape, size and details of construction.
- G. Text and symbols shall contrast with their background, i.e. light characters on a dark background or dark characters on a light background. Edges shall be painted.

2.4 SIGNS

- A. Provide signs in accordance with Section 10430.3.4 (See sign schedule and drawings.)
- B. Blast-etched fiberglass signs:
 - 1. Colors:
 - a. **[Text and graphics color selected by Architect][White].**
 - 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