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**SECTION 102800**  
**TOILET, BATH, AND LAUNDRY ACCESSORIES - ASI**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Mirrors.

**1.02 RELATED REQUIREMENTS**

*The paragraph below is optional text*

- A. Section 088300 - Mirrors: Other mirrors.

**1.03 ABBREVIATIONS AND ACRONYMS**

- A. BTM: Behind the Mirror.

**1.04 REFERENCE STANDARDS**

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.
- B. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- C. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).
- D. ASTM C1036 - Standard Specification for Flat Glass; 2021.
- E. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2018.
- F. ASTM C1503 - Standard Specification for Silvered Flat Glass Mirror; 2018.
- G. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

**1.05 SUBMITTALS**

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Basis of Design Manufacturer: American Specialties, Inc: [www.americanspecialties.com/#sle](http://www.americanspecialties.com/#sle).
- B. Other Acceptable Manufacturers:
  - 1. Products by listed manufacturers are subject to compliance with specified requirements found in specification and in Technical Data Sheet of selected ASI model and prior approval of Architect.
- C. Substitutions: See Section 016000 - Product Requirements.
  - 1. All proposed substitutions (clearly delineated as such) must be submitted in writing for approval by Architect minimum of 10 working days prior to bid date and must be made available to all bidders. Proposed substitutes must be accompanied by review of specification and ASI Technical Data Sheets noting compliance on line-by-line basis.

**2.02 MIRRORS**

- A. Mirrors: Stainless steel framed, 1/4 inch (6 mm) thick annealed float glass, ASTM C1036.

*The paragraph below is optional text*

- 1. Annealed Float Glass: Silvering, protective and physical characteristics in compliance with ASTM C1503.

*The paragraph below is optional text*

- 2. Size: [ ] inches wide by [ ] high. ([ ] mm wide by [ ] mm high).

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*The paragraph below is optional text*

3. Angle Frame: 0.05 inch (1.3 mm) angle shapes, with mitered and welded and ground corners, and tamperproof hanging system; satin finish.

*The paragraph below is optional text*

4. Channel Frame: One piece roll formed 20 gauge, 0.0375 inch (0.95 mm), 1/2 inch by 1/2 inch (13 mm by 13 mm) Type 304 stainless steel channel that encases mirror and backing with tight mitered corners, and tamperproof hanging system; satin finish.

*The paragraph below is optional text*

5. Backing: Full-mirror sized, minimum 0.03 inch (0.8 mm) galvanized steel sheet and nonabsorptive filler material.

*The paragraph below is optional text*

6. Fixed Tilt Mirrors: Minimum 3 inches (75 mm) tilt from top to bottom.

*The paragraph below is optional text*

7. Adjustable Tilt Mirrors: Heavy-duty stainless steel multi-staked piano hinge full width of base and elbow hinges at sides of mirror, for minimum tilt of 6 inches (150 mm) forward from top of mirror.

*The paragraph below is optional text*

8. Shelf: When indicated by product listing; Stainless steel, gauge and finish to match mirror frame, turned down edges, welded to frame; 5 inches (125 mm) deep, full width of mirror.

*The paragraph below is optional text*

9. Shelves more than 36 inches (900 mm) wide: When indicated by product listing; Concealed intermediate support.

10. Products:

- a. Model 0535 Series - Fixed Tilt Mirror.

*The paragraph below is optional text*

- b. Substitutions: Section 016000 - Product Requirements.

## **2.03 MATERIALS**

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.

*The paragraph below is optional text*

- B. Mirror Glass: Annealed float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, protective and physical characteristics complying with ASTM C1503.

*The paragraph below is optional text*

- C. Mirror Glass: Tempered safety glass, ASTM C1048; and ASTM C1036 Type I, Class 1, Quality Q2, with silvering as required.

*The paragraph below is optional text*

## **2.04 FABRICATION**

## **2.05 FINISHES**

*The paragraph below is optional text*

- A. Shop Primed Ferrous Metals: Pretreat and clean, spray apply one coat primer and bake.

*The paragraph below is optional text*

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- B. Back paint components where contact is made with building finishes to prevent electrolysis.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.

#### **3.02 PREPARATION**

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

#### **3.03 INSTALLATION**

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.

*The paragraph below is optional text*

- B. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

*The paragraph below is optional text*

1. Mirrors: [ ] inch ([ ] mm), measured from floor to bottom of mirrored surface.
2. Other Accessories: As indicated on drawings.

#### **3.04 PROTECTION**

- A. Protect installed accessories from damage due to subsequent construction operations.

**END OF SECTION**