

SECTION 10825

BARRIER-FREE SHOWER DOORS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Continuous folding barrier-free shower doors.

1.2 RELATED SECTIONS

- A. Section 09300 - Ceramic Tile.
- B. Section 10810 - Toilet Accessories.
- C. Section 15410 - Plumbing Fixtures.
- D. Section _____ - _____.

1.3 REFERENCES

- A. ADAAG - Americans with Disabilities Act, Accessibility Guidelines.
- B. ANSI A117.1 - Providing Accessibility and Usability for Physically Handicapped People.
- C. ANSI Z97.1 - Glazing Materials Used in Buildings.
- D. HUD
- E. Federal Motor Vehicle Safety Standard No. 302.
- F. Federal MH SS Section 280.203(2)(6).
- G. USA Standard Institutional Code - Z97.1.
- H. ASTM F 446 - Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area.
- I. _____.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's catalog data, detail sheets, and specifications.

- C. Shop Drawings: Prepared specifically for this project; show dimensions of shower doors and interface with other products.
- D. Samples: Color charts showing full range of available colors and finishes for selection of exposed materials.
- E. Installation Instructions: For types of shower doors required.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Inspect materials upon delivery to assure that specified products have been received and are undamaged.
- B. Deliver, store, protect and handle materials and components in accordance with the manufacturer's recommendations to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Tub-Master, LC; 413 Virginia Drive, Orlando, FL 32853-6925; ASD. Tel: (407) 898-2881, Order Dept.: (800) 327-1911, Fax: (407) 898-3856.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.
- D. Provide all shower doors from a single manufacturer.

2.2 SHOWER DOORS, GENERAL

- A. Comply with the following standards:
 - 1. HUD.
 - 2. Federal Motor Vehicle Safety Standard No. 302.
 - 3. USA Standard Institutional Code - Z97.1.
 - 4. ANSI Z97.1.
 - 5. Federal MH SS Section 280.203(2)(6).
- B. Opening Sizes: Determined from field measurements.

2.3 CONTINUOUS FOLDING BARRIER-FREE SHOWER DOORS

- A. "FBS Bath-Master Barrier Free" Series:

1. FBS Model Shower Doors: 74 inches (1.880 m) high; 6463-T5 architectural grade aluminum alloy frame and track, anodized and bright-dipped; high-impact heat-resistant styrene panels and hinges; molded plastic wheels, brackets, panel stops, and handles.
 2. FBS Model Shower Doors: 82-3/4 inches (2.102 m) high; 6463-T5 architectural grade aluminum alloy frame and track, anodized and bright-dipped; high-impact heat-resistant styrene panels and hinges; molded plastic wheels, brackets, panel stops, and handles.
 - a. Frame: Chrome.
 - b. Frame: Gold.
 - c. Frame: White.
 - d. Frame: Almond.
 - e. Panels and Hinges, Color: White.
 - f. Panels and Hinges, Color: Almond.
 - g. Panels and Hinges, Color: Crystal Gold.
 - h. Panels and Hinges, Color: Crystal Silver.
- B. Aluminum Bottom Track: 6463-T5 architectural grade aluminum alloy frame and track, anodized.
1. Chrome.
 2. Gold.
- C. Water Dam: Polyvinyl chloride.
- D. Shower Base: Lucite XL acrylic reinforced with fiberglass; include drain assembly.
1. Color: White.
 2. Color: _____.
 3. Drain Assembly Finish: Polished Chrome.
 4. Drain Assembly Finish: _____.
- E. Hand-Held Shower: Alsons Corporation one-hand one-touch pause shower head, mounting clip, 82-inch (2.083 m) hose.
1. Wall Mount Bracket.
 2. Support Bar: ASTM F 446; 24-inch by 1-1/4 inch (610 x 31 mm) "Standard" model, polycarbonate and ABS resin, uniform color throughout.
 3. Support Bar: ASTM F 446; 24-inch by 1-1/4 inch (610 x 31 mm) "Knurled" model, polycarbonate and ABS resin with helical knurling along entire length, uniform color throughout.
- F. Grab Bars: Polycarbonate and ABS resin, uniform color throughout; meeting Standard Consumer Safety Specifications per ASTM F 446 and verified by NAHB.

1. Diameter: 1-1/4 inch (31.7 mm).
2. Diameter: 1-1/2 inch (38.1 mm).
3. Texture: Ribbed along entire length.
4. Texture: Helical knurling along entire length.
5. Color: White.
6. Color: Almond.
7. Color: Universal Tan.
8. Color: Universal Gray.
9. Wall Mounting Brackets: Smooth textured, diamond-shaped bracket covers.
 - a. Provide adjustable center brackets every 16 inches (406 mm) for bars 32 inches (812 mm) and longer.

2.4 ACCESSORIES

- A. Assembly Screws: Stainless steel.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify equipment rough-in before proceeding with work.
- B. Coordinate with other trades for proper opening dimensions required for installation.

3.2 PREPARATION

- A. Schedule work to ensure an orderly and expeditious manner installation.

3.3 INSTALLATION

- A. Install shower doors and accessories in accordance with manufacturer's instructions; comply with standards required by authorities having jurisdiction.
- B. Cut grab bars to fit spaces; install to comply with applicable load requirements and ADA guidelines.
- C. Install equipment plumb, square, and straight, without distortion; securely anchor.

3.4 ADJUSTING AND CLEANING

- A. Adjust for smooth operation.
- B. Clean surfaces as recommended by manufacturer, rendering work in new and unused appearance.
- C. Clean adjacent construction and surfaces soiled in the course of installation of this work.
- D. Touch up minor damaged surfaces caused by installation. Replace damaged components as directed by Architect.

3.5 PROTECTION

- A. Provide protective measures to prevent equipment and surfaces from exposure to other construction activity.

END OF SECTION