

# *Belstone*

## ARCHITECTURAL SPECIFICATION GUIDE SECTION 10 21 16

### SHOWER AND BATH ENCLOSURES

#### Part 1 – GENERAL

##### 1.1 SECTION INCLUDES

- A. Frameless shower enclosure – Pivot Door.
- B. Frameless shower enclosure – Bypass Door.

##### 1.2 RELATED SECTIONS

- A. Section 03 10 00 – Rough Carpentry, Blocking.
- B. Section 07 91 26 – Joint Fillers.
- C. Section 09 30 00 – Tiling.

##### 1.3 REFERENCES

- A. American Society of Testing and Materials (ASTM) B221 – Standard Specification for Aluminum – Alloy Extruded Bars, Rods, Wires, Shapes and Tubes.
- B. American Society of Testing and Materials (ASTM) B455 – Standard Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes.
- C. American Society of Testing and Materials (ASTM) C1048 – Standard Specification for Heat-Treated Flat Glass Kind HS, Kind FT Coated and Uncoated Glass.

##### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Indicate opening dimensions and required tolerance, jamb connection details, anchorage spacing, hardware locations, installation details, and special conditions.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
- F. Closeout Submittals: Operation and Maintenance Data.

##### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company engineering and fabrication of shower enclosures for a minimum of 10 years.
- B. Installer Qualifications: Company experienced in manufacturer's products.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Finish areas designated by Architect.
  - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
  - 3. Refinish mock-up areas as required to produce acceptable work.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

#### 1.7 PROJECT CONDITIONS

- A. Verify field dimensions prior to fabrication to the greatest extent practical.
- B. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

#### 1.8 WARRANTY

- A. Provide manufacturer's standard 1 year limited warranty against defects in materials and workmanship.

## PART 2 – PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Belstone Shower Doors by ProjectStone located at 7658 Haskell Avenue, Van Nuys, CA 91406; Tel: 818-373-4900; Fax: 818-373-4901; Website: [www.projectstone.com](http://www.projectstone.com)
- B. Substitutions: Not permitted.
- C. Request for substitutions will be considered in accordance with provisions of Section 01 60 00.
- D. Obtain products from a single manufacturer.

### 2.2 FRAMELESS PIVOT DOOR ENCLOSURE

- A. Belstone – Pivot Model P-7260 by ProjectStone
  - 1. Overall Dimensions: 72 inches high x 60 inches wide.
  - 2. Glass Dimensions: As shown on drawings.
  - 3. Glass Thickness: 3/8 inch (10 mm) – Tempered at door panel  
1/2 inch (12 mm) – Tempered at side panels
  - 4. Glass Finish: Clear.

5. Glass Coating: Low Maintenance (Aqua Guard).
6. Threshold: Extruded Aluminum flat with attached channels to receive bottom of glass side panels.
7. Side Rails: Extruded Aluminum (2 pcs.) to receive outside edge of glass side panels and attach to shower wall.
8. Door Pull/Towel Bar: (Stainless Steel) Round tubing bent in wide 'U' shapes. Towel bar attached horizontally on outside of shower door and pull bar attached vertically on interior of shower door (see drawings).
9. Pivot Hinge: Adjustable and reversible pivot hinges or cast brass.
10. Metal Finish: Polished Chrome – PS at hinges  
Polished Silver – PS at aluminum

### 2.3 FRAMELESS SLIDING DOOR ENCLOSURE

- A. Belstone – Bypass Model B-7460 by ProjectStone
  1. Overall Dimensions: 74 inches high x 60 inches wide.
  2. Glass Dimensions: As shown on drawings.
  3. Glass Thickness: ¼ inch (6 mm) – Tempered
  4. Glass Finish: Clear.
  5. Glass Coating: Low Maintenance (Aqua Guard).
  6. Header: Extruded Aluminum with curved profile concealing wheel and hanger assembly, replaceable ball bearing wheels of nylon compound.
  7. Threshold: Extruded Aluminum with outside edge acting as water dam and concealing plastic door guides.
  8. Side Rails: Extruded Aluminum in a 'U' channel shape with plastic door stops.
  9. Towel Bar: (Stainless Steel) Round tubing bent in wide 'U' shape. Also, acting as door pull.
  10. Metal Finish: Polished Silver.

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Do not proceed with Work until surfaces and conditions comply with requirements in manufacturer's printed instructions.

### 3.2 INSTALLATION

- A. Installation: Comply with manufacturer's written installation instructions.
  1. Install securely and in proper relationship with adjacent construction.
  2. Install straight and plumb.
  3. Test and adjust for proper operation.
- B. Protection and Cleaning:
  1. Protect installed materials from damage from construction operations.
  2. Repair or replace damaged units.
  3. Clean just prior to Substantial Completion.