

**SECTION 22 42 23
COMMERCIAL SHOWERS**

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
1. Shower basins.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for shower basins.
2. Include rated capacities, operating characteristics, and furnished specialties and accessories.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For cleaning shower basins.

PART 2 - PRODUCTS

2.1 PRECAST-TERRAZZO SHOWER BASINS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
a. Acorn Engineering
b. Florestone Products Co., Inc.
c. Stern-Williams Co., Inc.
d. Fiat Products.
2. Source Limitations: Obtain shower basins from single source from single manufacturer.
3. Description: Precast-terrazzo base for built-up-type shower fixture.
4. Standard:
a. CSA B45.8/IAPMO Z403.
b. IAPMO PS 99.
c. 2010 ADA Standards for Accessible Design.
5. Threshold Type: Standard commercial and/or Handicapped/accessible – see Drawings.
6. Shape: See Drawings.
7. Nominal Size: See Drawings.
8. Color: Color selected by Architect from manufacturer's standard color selection.
9. Outlet: Removable stainless steel grid strainer, NPS 2, no-caulk drain.
10. Tiling Flange: Integral, stainless steel.
a. Square or rectangular fixture: Provide for all walls – See Drawings.
b. Corner Fixture: Left and right.
11. Rabbeted Joint Shoulders: 1 in. high.
12. Accessories:
a. Rubber drain gasket reducer for NPS 2 waste pipe.
b. Vandal resistant strainer.
c. Double drain.

2.2 GROUT

- A. Standard: ASTM C1107/C1107M, Grade B, post-hardening and volume-adjusting, dry, hydraulic-cement grout.
B. Characteristics: Nonshrink; recommended for interior and exterior applications.
C. Design Mix: 5000 psi, 28-day compressive strength.
D. Packaging: Premixed and factory packaged.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine rough-in of water-supply and sanitary drainage and vent piping systems to verify actual locations of piping connections before shower installation.
B. Examine walls and floors for suitable conditions where showers will be installed.
C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Assemble shower basin components in accordance with manufacturers' written instructions.
B. Install shower basins level and plumb.
C. Set shower basins in leveling bed of cement grout.
D. Seal joints between showers and floors and walls using sanitary-type, one-part, mildew-resistant silicone sealant. Match sealant color to fixture color. Comply with sealant requirements specified in Section 07 92 00 "Joint Sealants."

- 1 **3.3 PIPING CONNECTIONS**
- 2 A. Connect fixtures with water supplies, stops, and risers, and with traps, soil, waste, and vent piping. Use size fittings
- 3 required to match fixtures.
- 4 **3.4 CLEANING AND PROTECTION**
- 5 A. After completing installation of shower basins, inspect and repair damaged finishes.
- 6 B. Clean shower basins and fittings with manufacturers' recommended cleaning methods and materials.
- 7 C. Provide protective covering for installed fixtures and fittings.
- 8 D. Do not allow use of showers for temporary facilities unless approved in writing by Owner.
- 9 **END OF SECTION**