

SECTION 06615
CAST MARBLE FABRICATIONS

PART 1 – GENERAL**1.01 SUMMARY**

- A. The following products are to be cast marble:
1. TS-OWC 12 x 12 IL Tub/Shower Surrounds.
 2. Shower Bases

1.02 REFERENCES

- A. Standards of the following as referenced:
1. American National Standards Institute (ANSI).
 2. International Cast Polymer Association (ICPA).
 3. Environmental Protection Agency (EPA).
 4. National Association of Home Builders, Research Foundation, Inc. (NAHB/RF).

1.03 DEFINITIONS

- A. Terms:
1. Cast Marble: Cast Polymer, Cultured Marble, Synthetic Marble; synonymous terms.
- B. Description:
2. A non-porous homogeneous mixture of natural minerals and polyester resins thermally bonded to produce solid fabrications with sanitary sealed surfaces.

1.04 SUBMITTALS

- A. Shop Drawings: Submit top views, elevations and sections (as needed). Indicate dimensions, material thickness and attachment methods. Indicate coordination requirements with adjacent and interfacing work.
- B. Color: #800 Aurora Granite Matte by Mincey Marble Mfg., Inc.
- C. Samples: Submit sample to verify compliance with color and pattern.
- D. Product Data:
1. Submit manufacturer's product data indicating compliance with specified performance requirements.
 2. Operation and maintenance data. Manufacturer's data indicating cleaning and maintenance requirements.
- E. Quality Assurance
1. Cast marble manufacturer qualifications:
 - a. ICPA member one calendar year, minimum, prior to Contract date.
 - b. Five (5) years experience, minimum, in manufacturing similar type units.
 - c. Fabricated five (5) Projects, minimum, of comparable magnitude in last three (3) years.

- d. Architect reserves the right to inspect fabricator's facilities in determining acceptability of cast marble work.
 - e. Approved by Architect prior to signing of Contract.
2. Installer Qualifications:
 - a. Installed five (5) Projects, minimum, or comparable magnitude in last three (3) three years. Provide reference list of those completed Projects for review and verifications
 - b. Approved by Architect prior to signing of Contract.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping:
 1. Products to be packed in wooden crates to minimize damage in shipping. Undermount china bowls to be palletized.
- B. Acceptance on Site:
 1. Contractor or Installer to supervise unloading of materials. A forklift is required. Check for damaged crates. Mark bill of lading if there is any obvious damage and notify marble supplier immediately. Otherwise, proceed with offloading crates.
- C. Storage and Protection:
 1. Store materials under shelter, off of ground, protect from moisture. Materials must be at room temperature prior to installation. Handle materials to prevent physical damage. Protect surfaces from staining, scratching, and other damage.

1.06 PROJECT CONDITIONS

- A. Field Measurements:
 1. Shop drawings are to be field verified by contractor to ensure proper fit of materials.

1.07 SEQUENCING AND SCHEDULING

Coordinate construction activities in this Section with construction specified in related Sections or other construction activities required for fabrication and installation.

1.08 WARRANTY

Manufacturer's standard five (5) year limited warranty on defective materials.

PART 2 – PRODUCTS

2.01 TUB AND SHOWER SURROUNDS

Approved Manufacturer:

Mincey Marble Mfg., Inc., Gainesville, GA 800.533.1806
Contact Donna Mincey

- A. Homogeneous ¼" thick molded panels, height to be extended to ceiling. No horizontal seams permitted. Provide one piece for each wall. Joints will be permitted at corners only. Surrounds to be TS-OWC 12 x 12 Old World Classic Surrounds with an integral listello, cast marble wall panels with 12" x 12" Slate textured design; installed as indicated. Color: #800 Aurora.
- B. Provide required trim and soapdishes in same material and color as wall panels.
- C. Provide 2 corner soapdishes for typical units and for ADA units - 1 wall mount soap dish centered on back panel down low (for access from tub) and 1 corner mount soap dish installed on plumbing wall up high (for access when showering) of same material and color as wall panels.

2.02 Shower Bases:

Provide shower base of cast marble to match wall panels.

PART 3 – EXECUTION**INSTALLATION – GENERAL**

Install components in accordance with reviewed shop drawings and plans.

All materials to be plumb, level, and rigid. Neatly scribe to adjoining surfaces.

Trim all components as needed to fit field conditions.

Immediately replace any material that is cracked, chipped, broken, or otherwise defective.

ADHESIVES AND SEALANTS:

1. To adhere panels to gypsum board use:
 - a. LN-933 Liquid Nails.
 - b. Nail-No-More
 - c. Or other as acceptable to Architect.

2. To seal interior seams (marble to marble) a 100% mildew resistant silicone is required.
 - a. Shurstik – 100% Silicone Caulk (Gibson-Homans)
 - b. Dow Corning Corp., #786 Mildew Resistant Silicone Sealant
 - c. Or other as acceptable to Architect.
 - d. Siliconized caulk is NOT acceptable.

3. To caulk marble panels to adjoining gypsum board, wallpaper, or paint, use mildew resistant acrylic caulk sealant:
 - a. Phenoseal Acrylic Caulk (Gibson-Homans)
 - b. Or other as acceptable to Architect.

CLEANING

Contractor to protect all finished work until final acceptance by Owner.

Clean installed units not more than 48 hours prior to Date of Substantial Completion. Repair or replace damaged or stained cast marble work.

END OF SECTION