

CAST MARBLE FABRICATIONS**SECTION 06615****PART 1 GENERAL****1.1 SECTION INCLUDES**

- A. Cultured marble tub/shower surrounds with traditional matte finish and related accessories. Style to be TS-TR, #2250 Solid White Matte.
- B. Cultured granite/marble windowsills

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry.
- B. Section 06400 - Architectural Woodwork.
- C. Section 07900 - Joint Sealers.
- D. Section 09260 - Gypsum Board Systems.
- E. Section 15145 - Plumbing Piping.
- F. Section 15146 - Plumbing Specialties.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data:
 - 1. Manufacturer's printed product data indicating compliance with specified requirements.
 - 2. Manufacturer's cleaning and maintenance data.
- C. Shop Drawings:
 - 1. Submit plans, elevations, and detail sections
 - 2. Indicate overall dimensions, material thickness
 - 3. Indicate coordination requirements for adjacent and interfacing work
- D. Verification Samples: For each finish product specified, submit two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
- E. Quality Control Submittals:
 - 1. Test reports indicating compliance with performance requirements.
 - 2. Certificate of membership in ICPA.
 - 3. Installer qualifications as specified under Quality Assurance article below.
 - 4.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Member of International Cast Polymer Association (ICPA), with not less than five years of experience in manufacturing products similar to those required for this project.
- B. Installer Qualifications: Not less than five installations of comparable scope within the past three years.
 - 1. Provide list of contacts for recently completed projects.
 - 2. Architect may inspect installations and reject proposed installer on the basis of references or quality of work.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Pack surrounds, and other flat products in wooden crates to minimize shipping damage.
- B. Check for shipping damage during unloading at site and notify manufacturer immediately of any obvious damage.
- C. Store products under shelter, off the ground, and protected from moisture. Materials must be at room temperature prior to installation. Handle products to prevent physical damage. Protect surfaces from staining, scratching, and other damage.

1.6 PROJECT CONDITIONS

- A. Field Measurements: Verify shop drawings with field measurements prior to fabrication.
- B. Coordination: Coordinate construction activities of this section with construction activities specified in related sections.

1.7 WARRANTY

- A. Manufacturer's standard five year limited warranty on defective materials.

PART 2 PRODUCTS**2.1 MANUFACTURERS**

- A. Acceptable Manufacturer: Mincey Marble Manufacturing, Inc.; 4321 Browns Bridge Road, Gainesville, GA 30504. ASD. Tel: 770.532.0451 or 800-533-1806. Fax: 770-531-0935.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Provide cast marble fabrications made of proprietary resin and gel coat finish with finished properties as described under specific product types.
- B. Adhesives and Sealants: As specified in Section 07900, and as follows:
 - 1. To adhere cast marble panels to gypsum wallboard, use LN-933 Liquid Nails, Nail-No-More, or other product recommended by manufacturer.
 - 2. For joints between cast marble panels, use a mildew resistant 100 percent silicone joint sealer; siliconized caulking compound is not acceptable.
 - 3. For sealing cast marble panels at adjoining surfaces such as gypsum wallboard, use mildew resistant acrylic caulk joint sealer, such as Phenoseal Acrylic Caulk by Gibson-Homans, or other product recommended by cast marble panel manufacturer.
- C. Color and Pattern: #2250 Solid White matte finish

2.3 TUB AND SHOWER SURROUNDS

- A. Material: Mincey Classic™ Manufacturer's standard proprietary cast marble material.
- B. TS-TR Mincey's traditional matte finish tub/shower surrounds. Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings; back panel in one piece. Surrounds must extend to the ceiling. Matte finish required. Provide 2 corner mount soapdishes.

2.4 FABRICATION

- A. Use molds, materials, methods, and procedures that will result in proper texture and finish.
- B. Fabricate to required profiles and dimensions. To the greatest extent possible, fabricate each unit as a continuous piece, without joints, and configured to minimize on-site cutting or other modifications.
- C. Ease all edges and sand smooth; provide uniform gloss finish on all exposed surfaces.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. General: Install in accordance with manufacturer's instructions and approved shop drawings. Install components to be plumb, level, and rigid. Neatly scribe to adjoining surfaces, and field trim as required for snug fit. Replace any component that is cracked, chipped, broken, or otherwise defective.
- B. Tub and Shower Surrounds: Cut openings as required for installation of plumbing fittings. Secure soap dishes to panels with silicone joint sealer, as recommended by panel manufacturer.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged components before Substantial Completion.

END OF SECTION