

SPRINGHILL SUITES SPECIFICATIONS
SECTION 06615
CAST MARBLE FABRICATIONS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. TS/VS 6 X 24 Horizontal pattern tub and shower surrounds and related accessories.
- B. SP 3648-C/IF Shower base
 - 1. Alternate shower base – SP 3448-C/IF

1.2 REFERENCES

- A. ASNI Z124.1.2 – American National Standard for Plastic Bathtub and Shower Units; American National Standards Institute; 2005
- B. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2000a.
- C. NFPA 101 - Code for Safety to Life from Fire in Buildings and Structures; National Fire Protection Association; 2000.
- D. ASTM 1028-96 Coefficient of Friction Testing
- F. IAPMO - International Association of Plumbing and Mechanical Officials

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 enlarged, elevations, and detail sections.
 - 2. Indicate overall dimensions, material thickness, location and size of cutouts, anchorage provisions and attachment methods.
 - 3. Indicate coordination requirements for adjacent and interfacing work.
- D. Verification Samples: Submit two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and pattern for tub surround.
- 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.

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.

- C. Mock-Up: If required, provide a mock-up for evaluation of surface preparation techniques, application workmanship, and overall appearance of installation.
 - 1. Install complete set of products in area designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and finish have been approved by Architect.
 - 3. Approved mock-up may become part of the work.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Pack tub and shower surrounds, and other flat products in wooden crates to minimize shipping damage. Palletize shower bases.
- B. Contractor to check for shipping damage during unloading at site and notify manufacturer immediately of any obvious damage.
- C. Panels are to be unloaded with 6' forks to minimize damage during unloading
- D. Store products under shelter. Handle products to prevent physical damage. Protect surfaces from staining, scratching, and other damage during handling and installation.
- E. Materials should be at room temperature before being handled.

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 ten year limited warranty on defective materials. Materials will not crack or craze due to a manufacturing defect for a period of 10 years from date of installation. This warranty does not cover damage incurred due to abuse or failure to follow manufacturing instructions.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Mincey Marble Manufacturing, Inc.; 4321 Browns Bridge Road, Gainesville, GA 30504. Tel: 770.532.0451 or 800-533-1806. Fax: 770-531-0935.

2.2 MATERIALS

- A. Provide cast marble fabrications made of 20 % proprietary resin and 80% crushed stone.
- B. Gel Coat is proprietary
- C. Color: #2250 Solid White

2.3 TUB AND SHOWER SURROUNDS

- A. Material: Mincey MINCOR™, rated Class A per ASTM e84. Manufacturer's proprietary cast marble material.
- B. TS-VS 6 x 24 Horizontal Surrounds. Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings; back panel in one piece. Surrounds extend to the ceiling. Textured finish required. Provide 2 (SD-08) chrome plated corner mount soap baskets per surround.

2.4 SHOWER BASES

- A. Material: Mincey Classic™, Mincey's traditional cast marble material. Gel coat to be 20 – 22 mils dry
- B. Model # SP3648-C/IF – 36 x 48 shower base with integral flanges, center drain
- C. Weight – 205#
- D. Finish – Gloss
- E. Bases to be in compliance with ANSI Z124.1.2
- F. Minimum slip resistance rating of .6 using ASTM 1028-96 Coefficient of Friction Testing
- G. Drain opening of 4 ¼ at top and 3 1/8" at bottom
- H. Thickness at drain to be 3/8" – ½"

2.5 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 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. Shower Bases to be set upon level substrate. Check to verify that pan is level before installing panels.
- C. Tub and Shower Surrounds: Cut openings as required for installation of plumbing fittings. Secure soap baskets to panels as recommended by panel manufacturer.
- D. 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.

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