

SECTION 06 61 13

CAST MARBLE TUB AND SHOWER PANEL SYSTEMS

**** NOTE TO SPECIFIER ****

This section is based on the products of Mincey Marble Mfg., Inc., which is located at:
1940 New Harvest Road, Gainesville, GA 30507
Ph: (770) 532-0451
Fax: (770) 531-0935

Since 1977 Mincey Marble has led the cast marble industry in design and manufacturing of tub and shower panel systems, shower pans, vanity tops, windowsills, thresholds and whirlpool tubs for the hospitality, healthcare, multi-family, military housing and higher education markets.

Part 1 GENERAL

1.01 SUMMARY

- A. Section Includes
 - 1. Cast marble tub and shower panel systems, with related accessories.
- B. Related Sections

**** NOTE TO SPECIFIER ** Delete any sections below not relevant to this project; add others as required.**

Section 06 10 00 (06100) - Rough Carpentry
Section 06 20 00 (06200) – Finish Carpentry
Section 12 30 33 (06400) – Architectural Woodworks
Section 12 36 61.13 (06610) – Cast Marble Countertops
Section 22 42 23 (Div 15) – Cast Marble Shower Receptors
Section 22 00 00 (Div 15) - Plumbing

1.02 REFERENCES

**** NOTE TO SPECIFIER ** Delete references from the list below that are not actually required by the text of the edited section.**

- A. ANSI Z-124.1 - American National Standard for Plastic Fabrications; American National Standards Institute
- B. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials
- C. NFPA 101 - Code for Safety to Life from Fire in Buildings and Structures; National Fire Protection Association

1.03 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- 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. Indicate overall dimensions, material thickness, location and size of cutouts, anchorage provisions and attachment methods. Indicate coordination requirements for adjacent and interfacing work.

**** NOTE TO SPECIFIER ** Delete selection samples if colors have already been selected.**

- D. Selection Samples: For each product specified, provide color chips or booklet 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, represent actual product, color, and patterns.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Member of International Cast Polymer Alliance (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.

**** NOTE TO SPECIFIER ** Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.**

- C. Mock-Up: 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.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver cast marble materials until painting and similar operations that could damage the cast marble have been completed in installation areas.
- B. Packing and Shipping: Pack countertops, tub and shower surrounds, and other flat products in wooden crates to minimize shipping damage. Palletize other components.

- C. Check for shipping damage during unloading at site and notify manufacturer immediately of any obvious damage.
 - D. 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 during handling and installation.
- 1.06 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.
- 1.07 WARRANTY
- A. Tub and Shower Panel Systems: Manufacturer's five-year limited warranty on defective materials.

PART 2 PRODUCTS

- 2.01 CAST MARBLE MATERIAL
- A. MANUFACTURERS
 - 1. Preferred Manufacturer: Mincey Marble Manufacturing, Inc.; 1940 New Harvest Road, Gainesville, GA 30507. Ph: 770.532.0451 Fax: 770-531-0935.
 - ** NOTE TO SPECIFIER ** Delete one of the following two paragraphs.**
 - 2. Substitutions: Not permitted.
 - 2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.
 - B. MATERIALS
 - 1. Provide cast marble fabrications made of proprietary resin and gel coat finish with finished properties as described under specific product types.
 - C. TUB AND SHOWER PANEL SYSTEMS
 - ** NOTE TO SPECIFIER ** Delete one of the following two paragraphs.**
 - 1. Material: Mincey Classic™ Manufacturer's standard proprietary cast marble material.
 - 1. Material: MINCOR™ panels, Class A per ASTM E 84, with properties as follows per ASTM E 84:
Flame Spread: 25 or less. Smoke Developed: 450 or less.

**** NOTE TO SPECIFIER **** Choose one the following seven types of panel systems and then select from the series. Please call us with any questions.

1. TS-TR Traditional Tub/Shower panel system: Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings. **Choose matte or gloss finish**
TS-TR – Traditional panel system. No design

2. TS-VN Vintage Series: Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings.
****Choose one of the following patterns****
TS-VN 3" x 6" - 3" x 6" Smooth Subway staggered brick pattern – gloss finish
TS-VN 4" x 8" – 4" x 8" Beveled Subway staggered brick pattern with 1/8" tall bevel – gloss finish

3. TS-VS Vision Series: of 1/4 inch (6.3 mm); height and width as indicated on the drawings. Textured matte finish
****Choose one of the following patterns****
TS-VS 1" x 12" – 1" x 12" Vertical staggered tile pattern with a 45 degree alternating textured finish
TS-VS 4" - 6" x 24" – Alternating 4" & 6" tall x 24" wide Staggered tile pattern with a horizontal textured finish
TS-VS 6" x 24" - 6" x 24" Staggered tile pattern with a horizontal textured finish
TS-VS 6" x 24" Stacked- IL- 6" x 24" Stacked tile pattern, horizontal textured finish with integral 6" Dimensions listello
TS-VS 6" x 24" Stacked- IL-Linear - 6" x 24" Stacked tile pattern, horizontal textured finish with integral 8" Linear listello
TS-VS Vertical Vision - Vertical line variation design with a vertical textured finish
TS-VS 12" x 24" - 12" x 24" Staggered tile pattern with a horizontal textured finish
TS-VS 12" x 36" – 12" x 36" Staggered tile pattern with a horizontal textured finish

4. TS-CS Contemporary Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings. **Choose matte or gloss finish**
****Choose one of the following patterns****
TS-CS 4" x 15" – 4" x 15" Staggered tile pattern - **Choose matte or gloss**
TS-CS 4" x 15" Chevron Pattern – matte finish
TS-CS 6" x 24" - 6" x 24" Staggered tile pattern – **Choose matte or gloss**
TS-CS 6" x 12" Vertical – 6" x 12" Vertical staggered tile pattern – gloss finish
TS-CS 10" x 20" Vertical – 10" x 20" Vertical staggered tile pattern – gloss
TS-CS 12" x 24" - 12" x 24" Staggered tile pattern – **Choose matte or gloss**
TS-CS Confetti - 4" x 15" Stacked tile pattern with integral 12" Confetti listello – gloss finish
TS-CS Interval – Linear pattern with alternating band thicknesses. – matte finish
TS-CS Stars – Diamond tile pattern – gloss finish

5. TS-EV Evolution Series with texture and smooth finish. Thickness of 1/4 inch (6.3 mm); height and width as indicated on the drawings; back panel in one piece.
TS-EV 3" x 8" Chevron – Alternating texture and smooth chevron pattern – gloss and texture finish
TS-EV Metro – Multi size tile pattern with alternating texture and smooth vertical tile in corner – gloss and texture finish

6. TS-RS Reflections Thickness of 5/16 inch; height and width as indicated on the drawings.

TS-RS Canopy – Organic leaf design – gloss finish
TS-RS/Aria – 5" x 5" sculpted tile pattern – gloss finish

D. Trim and Accessories: Matching trim and accessory pieces

E. Color

**** NOTE TO SPECIFIER ** Delete one of the two paragraphs below.****

Color and Pattern: As selected from manufacturer's standards.

Color and Pattern: _____.

2.02 INSTALLATION

- A. Do not begin installation until substrates have been properly prepared. If substrate preparation is the responsibility of another installer, notify General Contractor or Architect of unsatisfactory preparation before proceeding.
- B. 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.
- C. Tub and Shower Panel System: Cut openings as required for installation of plumbing fittings. Secure soap dishes to panels with silicone joint sealer, as recommended by panel manufacturer.
- D. Adhesives and Sealants: As specified in Section 07 90 00, 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 calking compound is not acceptable.
 - 3. For sealing cast marble panels at adjoining surfaces such as gypsum wallboard, use mildew resistant latex calk joint sealer, such as Phenoseal Acrylic Caulk by Gibson-Homans, or other product recommended by cast marble panel manufacturer.

2.03 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

3.01 PREPARATIONS

- A. Condition cast marble to room temperature (65 degrees or above) before handling

3.02 INSTALLATION

- A. All panel systems shall be installed as shown on Shop Drawings and as specified by mfg.
1. Install components plumb, level and tightly to substrate. Scribe to adjacent finishes
 2. Remove all dust and other contaminants from back of panels
 3. Do not use water or denatured alcohol to clean back of panel. Use dry cloth.

3.03 CLEANING

- A. Protect surfaces of installed products until completion of project.

END OF SECTION