

SECTION 06 61 13

CAST MARBLE SOLUTIONS FOR TUB SURROUNDS AND SHOWER SURROUNDS

**** NOTE TO SPECIFIER ****

This section is based on the products of Intl. Marble Industries, Inc in Woodstock, GA.

**Intl. Marble Industries, Inc.
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www.IMItoday.com**

Intl. Marble Industries, Inc. is a leading manufacturer and designer of cast marble solutions of Tub Surrounds, Shower Surrounds, Shower Bases, Vanity Tops, Window Sills and Accessories. We manufacture for the Hospitality, Resort, Multi-Family, Student Housing, Senior Living and Military Housing industries.

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.**

1. Section 06 10 00 (06100) - Rough Carpentry
2. Section 06 20 00 (06200) – Finish Carpentry
3. Section 06 61 13 (66210) – Cast Marble Tub and Shower Panel Systems
4. Section 12 30 33 (06400) – Architectural Woodworks
5. Section 12 36 61.13 (06610) – Cast Marble Countertops
6. Section 22 42 23 (Div 15) – Cast Marble Shower Receptors
7. 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 4 inches square (100 mm), 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.

1.05 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.

1.06 WARRANTY

- A. Tub and Shower Panel Systems: Manufacturer's ten-year limited warranty on defective materials.

PART 2 PRODUCTS

2.01 CAST MARBLE MATERIAL

A. MANUFACTURES:

- 1. Preferred Manufacturer: Intl Marble Industries, Inc 304 Bell Park Drive, Woodstock GA 30188 – Tel 770 928 2252
Email: Sales@IMIToday.com

B. TUB SURROUNDS AND SHOWER SURROUNDS

**** NOTE TO SPECIFIER ** Delete (2) of the following (3) Paragraphs**

- 1. Material: IMISolidCast™ Manufacturer's standard proprietary cast marble material.
- 2. Material: IMIProCast™ 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 ** Delete one of the two paragraphs below.****

- C. Color and Pattern: As selected from manufacturer's standards. See Website or call for project specific spec sheets.
- C. Color and Pattern: _____.

2.02 INSTALLATION

- A. All substrates must be properly prepared. If substrate preparation is the responsibility of another installer, notify General Contractor or Architect of unsatisfactory preparation before proceeding.
- B. Request manufacturer's instructions and approved shop drawings before installation. 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 TiteBond Franklin7272, LN-933 Liquid Nails, or other product recommended by manufacturer.
 - 2. For joints between cast marble panels, use a mildew resistant 100 percent silicone joint sealer such as Sil Bond 4500 High Strength Silicone Sealant by IMI; siliconized acrylic caulking compound is not acceptable.
 - 3. For sealing cast marble panels at adjoining surfaces such as gypsum wallboard, use mildew resistant latex caulk joint sealer, such as Peri Bond 3 by IMI 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. Wherever possible, fabricate each unit as a continuous piece, without joints, while minimizing on-site cutting or other modifications.
- C. Hand sand all edges smooth; provide uniform finish on all exposed surfaces.
- D. Label each side panel to identify finished edges for ease of install. i.e. ⇐ Left Hand Side Panel Finished Edge and Right Hand Side Panel Finished Edge ⇒.

PART 3 EXECUTION

3.01 PREPARATIONS

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

3.02 INSTALLATION

- A. All panel systems to 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