

SECTION 22 42 23

CAST MARBLE SOLUTIONS FOR SHOWER BASES

**** NOTE TO SPECIFIER ****

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

**Intl. Marble Industries, Inc.
304 Bell Park Drive, Woodstock, GA 30188
Phone: 770.928.2252, Fax: 678.391.3895
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 shower bases and shower pans

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 and window sills
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-121.2 - 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: 2000

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 6x4 inches (150x100 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. Packing and Shipping: Pack countertops, tub and shower surrounds, and other flat products in wooden crates to minimize shipping damage. Palletize other components.
- 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 during handling and installation.

1.06 PROJECT CONDITIONS

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

1.07 WARRANTY

- A. See section 01 78 00 – Closeout Submittals for additional warranty details.
- B. Manufacturer’s ten-year limited warranty on defective materials.

PART 2 PRODUCTS

2.01 CAST MARBLE MATERIAL

A. MANUFACTURERS:

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

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

- 2. Substitutions: Not permitted.
- 2. Requests for substitution in accordance with section 01 60 00.

B. MATERIALS

- 1. Material: IMISolidCast™ Manufacturer’s standard cast marble material.

C. SHOWER BASES AND SHOWER PANS

- 1. Material: Manufacturer’s IMISolidCast™ standard cast marble material.

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

- 2. Configuration: One piece shower receptor with integral curbs.
- 2. Custom Shower Base or Pan with integral front curb.
- 2. Custom Shower Base or Pan with separate front curb.

**** 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 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.

PART 3 EXECUTION

3.01 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.

3.02 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. Review manufacturer's installation instructions to ensure proper installation is achieved.

3.03 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged components before Substantial Completion.

END OF SECTION