

SECTION 12 36 61.13

CAST MARBLE VANITY TOPS AND WINDOW SILLS

**** NOTE TO SPECIFIER ****

This section is based on the products of Mincey Marble Mfg., Inc., which is located at:
4321 Browns Bridge Road, Gainesville, GA 30504
Toll Free: (800) 533-1806.
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

**** NOTE TO SPECIFIER ** Delete items below not required for project**

- A. Section includes
1. Cast marble countertops with cutout for undermount bowls.
 2. Cast marble countertops with integral bowls.
 3. Cast marble windowsills, thresholds, and other flat products.

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

3. Section 06 61 13 (06610) – Cast Marble Tub and Shower Panel Systems
4. Section 12 30 33 (06400) – Architectural Woodworks
5. Section 22 00 00 (Div 15) – Plumbing
6. Section 22 42 23 (Div 15) – Cast Marble Shower Receptors

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-124.1.3 - American National Standard for Plastic Lavatories; 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 30 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 color 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. Packing and Shipping: Pack cast marble 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 (65+ degrees) 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. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Vanity Tops with Integral Lavatories: Manufacturer's standard one-year limited warranty on defective materials.
- C. Vanity Tops with Cutouts for Undermount Lavatories: Manufacturer's standard five-year limited warranty on defective materials.

PART 2 PRODUCTS

2.01 CAST MARBLE MATERIAL

A. MANUFACTURERS

- 1. Preferred Manufacturer: Mincey Marble Manufacturing, Inc.; 4321 Browns Bridge Road, Gainesville, GA 30504. Toll Free: 800-533-1806. 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. VANITY TOPS AND LAVATORY COUNTERTOPS

- 1. Material: Manufacturer's standard proprietary cast marble material.
- 2. Configuration: Homogeneous with integral backsplash, minimum thickness of 3/4 inch (19 mm); other dimensions as indicated on the drawings. Provide apron (if applicable) of matching material, dimensions and cutouts as indicated. Provide end splashes (if applicable) of matching material, dimensions as indicated.

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

3. Cutouts for Under-mount Bowls: Cast finished cut-out in tops to receive under-mount bowls. Insert necessary mounting hardware into tops during casting process; provide other hardware required to attach bowls
3. Integral Lavatory Bowls: Cast elliptical depression; comply with ANSI Z124.1.3 and test quarterly on a random basis by accredited laboratory.

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

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

D. WINDOW SILLS

1. Material: Manufacturer's standard proprietary cast marble material.
2. Configuration: Minimum thickness of 3/4 inch (19 mm); other dimensions as indicated on the drawings.

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

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

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 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. Vanity Tops and Lavatory Countertops: Install on rigid wooden framework, following manufacturer's recommended procedures.
 1. If applicable, attach apron to framework with silicone joint sealer after verifying that apron will extend minimum 1/2 inch (12.7 mm) beyond edge of support.

- C. Window Sills: Attach to solid, level substrate with sealer as recommended by 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

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