

SECTION 03 48 00
Precast Concrete Specialties

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Templating, fabrication and installation of specialty concrete products
- B. Related Sections:
 - 1. Drawings and general provisions of the contract, including general and supplementary conditions and other division 1 specifications, apply to this section.

1.2 SUBMITTALS

- A. Shop Drawings:
 - 1. Include countertop layout, dimensions, materials, finishes, cutouts, and attachments.
- B. Samples:
 - 1. 3 X 6 inch concrete surfacing samples showing available colors

1.3 QUALITY ASSURANCE

- A. Fabricator Qualifications:
 - 1. Minimum 2 years experience in fabrication of concrete slabs or completion of manufacturer certification
 - 2. Marble Institute of America (MIA) accredited fabricator
- B. Installer Qualifications:
 - 1. Marble Institute of America (MIA) accredited installer
- C. Mockup:
 - 1. Construct mockup
 - 2. Approved mockup may remain as part of the Work.

PART 2 - PRODUCTS

2.1 APPROVED MANUFACTURERS

- A. ModaCrete Inc.
 - 234 Middle Street

Middletown Ct, 06457
860-343-7005

2.2 MATERIALS

A. Concrete Panel:

1. Product: ModaCrete 5'x10' fabricateable slab
2. Composition: Recycled glass or Quartz aggregate, cement, additives, and color pigments formed into flat slabs.
3. Finish:
 - a. Mechanically Polished
 - b. factory applied, fully penetrating, permanent sealer
4. Thickness: 3 cm
5. Surface Characteristics:
 - a. Safe for food contact surfaces
 - b. Minimum 13,000 psi compressive
 - c. Absorption less than 0.5%
 - d. Scratch Resistance / Mohs Hardness less than 7.5 for aggregate and 6.3 for matrix
 - e. suitable for interior and exterior use

2.3 GENERAL FABRICATION

- A. Cut concrete panels accurately to required shapes and dimensions.
- B. Radius exposed edges.
- C. Fabricate with hairline joints.
- D. Cut holes for sinks, faucets, toilet accessories, etc.

PART 3 - EXECUTION

3.1 TEMPLATING

- A. Approved stone fabricator to perform templating

3.2 FABRICATION

- A. Approved stone fabricator to perform fabrication

3.2 INSTALLATION

- A. Approved stone fabricator to perform installation

3.3 CLEANING

A. Clean countertops in accordance with manufacturer's instructions.

3.4 PROTECTION

A. Protect installed countertops with nonstaining sheet coverings.

END OF SECTION 03 48 00