



## **SECTION 06 61 16 - SOLID SURFACING MATERIAL FABRICATIONS**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. This section specifies solid polymer fabrications for the self-draining countertop with integral sink.

#### **1.2 SUBMITTALS**

- A. Manufacturer's Data: Submit copies of manufacturer's specifications and installation instructions for solid polymer fabrications.
- B. Samples: Submit three 6" x 6" samples of solid polymer fabrication material in each color specified.
- C. Shop Drawings: Submit shop drawings indicating dimensions, component sizes, fabrication details, attachment provisions and coordination requirements with adjacent work, include rough-in dimensions for mechanical trades.
- D. Maintenance Data: Submit manufacturer's care and maintenance data, including repair and cleaning instructions.

#### **1.3 PRODUCT HANDLING**

- A. Protect solid polymer fabrications against damage during transportation, storage, during installation and until completion.

### **PART 2 - PRODUCTS**

#### **2.1 MATERIALS**

- A. Solid Polymer Fabrication Resin Material:
  - 1. Product and Manufacturer: Dupont, Corian Terra Collection
    - a. Approved Equal subject to review and approval by LAWA
- B. Bonding Adhesives: Two part adhesive with color matching solid polymer fabrication and of type as recommended by solid polymer fabrication manufacturer for joining aprons, end and backsplashes to tops.

#### **2.2 FABRICATION**

- A. Factory fabricate components to achieve required shapes, sizes, and profiles shown, without cracks, spalling, pits, surface porosity, chipped areas, or blisters.
  - 1. Form all toilet and bath room and vanity countertops to 3/4" minimum



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thickness in one piece lengths. Provide molded bowls, formed from same material as countertop but from color(s) indicated, adhesively-bonded to countertops where indicated. Provide integral or adhesively-bonded 3/4" thick backsplashes and aprons where indicated. Form edges to profiles shown. If required, use 2 sheets of countertop sheet material laminated together using manufacturer's standard adhesive to form edges. Laminated sections shall be in close contact throughout. Adhesive stains will not be permitted.

- a. Bowls shall be formed to include provisions for drainage and overflow.
  - b. Location of overflow drain shall not interfere with handicap under bowl knee clearances.
2. Provide separate end splashes of height to match backsplashes unless otherwise indicated.
  3. Countertops shall be factory cored for plumbing fittings and toilet accessories.
  4. Public Restrooms shall have countertops that are self-draining and monolithic with 1/4" slope to integral sink.
  5. Sink bowl shall not be located any closer than 4" from splashguard.
  6. Faucets shall be located 45° to the left of the bowl centerline.
  7. Soap Dispenser shall be located 45° to the right of the bowl centerline
  8. Lavatory overflow drain shall be at the front of the bowl, out of view and integral to the bowl.
- B. Radius corners and edges.
- C. Finish exposed surfaces with sandpaper followed by abrasive pad for final surfacing in accordance with solid polymer manufacturers written instructions.

**NOTE:** Provide self-draining counter top with integral sink with a 6" minimum back splash and a 4" drip front skirt.

### **2.3 MISCELLANEOUS MATERIALS**

- A. Sealants: Sanitary Silicone Sealant in one color as selected by Architect from manufacturers standards.
- B. Steel Framing for Countertops: Refer to Section 05 50 00 'Metal Fabrications'.

## **PART 3 - EXECUTION**

### **3.1 PREPARATION**

- A. Verify all measurements in the field. Coordinate the work of other trades with the Work of this Section.



### **3.2 INSTALLATION**

- A. Provide a competent and experienced superintendent to supervise, coordinate and expedite the Work continuously.
- B. Uncrate solid polymer fabrications and attach to substrates where indicated. Install components plumb, true and level, scribed to adjacent finishes in accordance with the accepted shop drawings and product installation data. Form field joints, if any, using manufacturer's recommended adhesive, with joints inconspicuous in finished work. Keep components and hands clean when making joints. Remove adhesives, sealants, and other stains. Remove and replace stained units which cannot be cleaned.
- D. Make plumbing connections to toilet room countertops and vanities in accordance with Division 15 work.
- E. Prepare joints and place sealants as indicated.
- F. Regularity Requirements: The counter top installation shall comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's Americans with Disabilities Act (ADA) and the Architectural Barriers Act (ABA) Accessible Guidelines for Buildings and Facilities and the City of Los Angeles Building Code.

### **3.3 CLEANING**

- A. At a time as directed by the LAWA, remove all temporary protection and leave the installation clean and free of any imperfections.

**NOTE:** This guide specification covers the basic requirements for Solid Surfacing Material Fabrication.

Incorporate this information into the specifications for your project. For any deviations, please discuss with your designated LAWA representative.

END OF SECTION 06 61 16