

SECTION 12 36 61 – SOLID SURFACE COUNTERTOPS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Solid surface modular vanity system.

1.3 ACTION SUBMITTALS

- A. Product Data: For countertop materials.
- B. Shop Drawings: For countertops. Show materials, finishes, edge and backsplash profiles, methods of joining, and cutouts for plumbing fixtures.
- C. Samples for Initial Selection: For each type of material exposed to view
- D. Samples for Verification: For the following products:
 - 1. Countertop material, 6 inches (150 mm) square.

1.4 PROJECT CONDITIONS

- A. Field Measurements: Verify dimensions of countertops by field measurements.

1.5 COORDINATION

- A. Coordinate locations of utilities that will penetrate countertops or backsplashes.

PART 2 - PRODUCTS

2.1 SOLID-SURFACE-MATERIAL: MODULAR VANITY SYSTEM™ by ASST

- A. Wall hung Modular Vanity System™ by ASST. or equal:
 - 1. Contact: Kevin Casterline
ASST, 350 South Street, McSherrystown, PA 17344
Email: kevincasterline@asst.com
Phone: 717-630-1251 x312
- B. Countertops: 1/2-inch- (12.8-mm-) thick, solid
- C. surface material.

- D. Front Panels: 1/4 inch (6.4 mm) thick, solid surface material. Thermoformed removable front panel with aluminum and polyethylene support structure.
- E. Backsplashes: 1/2-inch- (12.7-mm-) thick, solid surface material.
- F. Fabrication: Fabricate tops in continuous one piece with loose backsplashes unless otherwise indicated. Comply with solid-surface-material manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.
 - 1. Modular Vanity System units 30 inches wide.
- G. Solid surface integral sink bowl #810 Dupont Corian or equal.
- H. Removable 1/4" thick thermoformed solid surface front access panel for plumbing access.

2.2 SOLID-SURFACE-MATERIAL WINDOW STOOLS

- A. Configuration: Provide interior windows stools.
 - 1. Stool: 3/4-inch (19-mm) solid surface material, straight, slightly eased at exposed edges.

2.3 MATERIALS

- A. Adhesives: Adhesives shall not contain urea formaldehyde.
- B. Adhesives: Adhesives shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- C. Solid Surface Material: Homogeneous solid sheets of filled plastic resin complying with ANSI SS1.
 - 1. Basis-of-Design: Subject to compliance with requirements, provide one of these equal products by one of the following for Architect approval:
 - a. Avonite Surfaces.
 - b. Durasein Surfaces
 - c. DuPont Corian
 - 2. Type: Provide Standard Type or Veneer Type made from material complying with requirements for Standard Type, as indicated unless Special Purpose Type is indicated.
 - 3. Colors and Patterns: As indicated on finish drawings.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install countertops and sills level to a tolerance of 1/8 inch in 8 feet (3 mm in 2.4 m).
- B. Fasten countertops by screwing through corner blocks of base units into underside of countertop. Pre-drill holes for screws as recommended by manufacturer. Align adjacent surfaces and, using adhesive in color to match countertop, form seams to comply with manufacturer's written instructions. Carefully dress joints smooth, remove surface scratches, and clean entire surface.

1. Install backsplashes and endsplashes to comply with manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.

END OF SECTION 12 36 61