



06 00 00

GENERAL WOOD, PLASTICS, & COMPOSITES REQUIREMENTS

1. GENERAL

A. Related sections:

- i. 01 35 46 – Indoor Air Quality Procedures – During Construction
- ii. 06 61 16 – Solid Surfacing Fabrications
- iii. 12 00 00 – General Furnishings Requirements
- iv. 12 36 00 – Countertops

B. Composite and wood agrifiber products include, but are not limited to, particleboard, medium density fiber board (MDF), plywood, wheatboard, door cores, panel substrates, and strawboard.

2. PRODUCTS

A. Low volatile organic compound (VOC) materials shall be used within the interior weatherproofing of the facility; zero when available. Refer to Section 01 35 46 Indoor Air Quality – During Construction.



06 61 00
SOLID SURFACE FABRICATIONS

1. GENERAL

A. Related sections:

- i. 01 35 46 – Indoor Air Quality Procedures – During Construction
- ii. 12 00 00 – General Furnishings Requirements
- iii. 12 36 00 – Countertops

2. PRODUCTS

A. Low volatile organic compound (VOC) materials shall be used within the interior weatherproofing of the facility; zero when available. Refer to Section 01 35 46 Indoor Air Quality – During Construction.

B. For UGA Housing only (New Construction):

- i. Synthetic solid surfacing for:
 - a. Open toiletry shelving
 - b. Window sills
 - c. Shower corner caddy
 - d. Shower wall panels
 - e. Shower pans
- ii. Synthetic solid surfacing material shall be solid acrylic or polyester and acrylic resin based solid, structural surfacing material:
 - a. Material shall be through-patterned and homogeneous. No coated materials or non-homogeneous materials allowed.
 - b. Materials shall be 100% repairable.
- iii. Synthetic solid surfacing material shall be matte finish
- iv. Thickness
 - a. Window sills: ¾-inch
 - b. Shower wall panels: ¼-inch
 - c. Shower caddies: ½-inch
 - d. Shower pans: 1-inch
 - e. Shower corner trim: 3/8-inch
- v. Shower pans:
 - a. Basis of design transolid: <http://transolid.com>
 - b. Shower pan shall be made from solid cast polyester / acrylic blend resin or 100% acrylic and have adjustable drain locations, coved side walls, with a minimum 1-inch panel platform with a degree slope and 1-foot minimum water dam. It shall have a non-skid floor with water channels directing water to the drain at a 2-degree slope (1/4-inch per foot).
 - c. Pans shall carry a 10-year materials and workmanship warranty against cracks, breakage, and leaks.
 - d. Shower pans shall meet the minimum ANSI Z124.2 certification.
 - e. Shower pans shall have a non-slip coefficient of friction rating of 0.20 or greater as registered by the ASTM F462 slip resistance test method.
- vi. Shower walls:
 - a. Adhered, over waterproofing system over cementitious backer board



- b. Install shower wall panels with adhesive as recommended by manufacturer. Seal joints using manufacturer's recommended mildew-resistant, clear silicone sealant.