



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: ¾-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.