

Division 6 – Wood, Plastics and Composites

- 06.1. Products shall be free of urea-formaldehyde binders, copper or arsenic. Avoid over harvesting, poor forestry practices and toxic treatment by specifying products from sustainable sources, such as FSC Certified Wood or regionally manufactured from abundant species. Specify that field-use adhesives shall not contain urea formaldehyde or excess VOCs as indicated for specific purpose. Specified materials should meet or exceed the latest version of the USGBC's LEED rating system.
- 06.2. Rough Carpentry and Miscellaneous Rough Carpentry
 - a. In new non-combustible, construction, always pr

- d. Window sill to be solid/durable repairable material such as solid surface, 1/2" minimum thickness. Plastic laminate sills are not acceptable. Provide window sills at all gypsum wall board construction. Consider window sills at CMU partitions. The A/E shall account for expansion when detailing window sills.
- e. A/E shall specify veneer species, cut (plain, rift or quarter sliced), and the amount of figure (none, light, moderate, heavy) to use in all wood veneer millwork.
- f. Back prime all exterior trim prior to installation including priming ends.
- g. Cabinet Construction shall be frameless box construction with flush overlay door and drawers.
- h. Shelving shall be 3/4" 5-ply plywood - no particleboard. Hardwood plywood shelves with hardwood edge may be stained, or shelves may be completely covered (all six faces) with plastic laminate. Melamine surfaces and "T" edge molding is approved for spans 4' and under. Support shelves on heavy-duty adjustable steel stand.

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4. Shower Pans shall be a minimum of 9/16" thick at the thinnest point of the drain orifice and a minimum of 1-1/4" thick at the perimeter.
 5. Pans shall carry a 15-year materials and workmanship warranty against cracks, breakage, and leaks.
 6. The A/E shall specify that the General Contractor shall build an in-place mockup of the shower pan installation for review and approval by both the A/E and the ODU Project Inspector. Proper shower pan installation is critical for the long term durability of the shower pan to drain connection, the weak point in the installation. The A/E shall detail the shower pan installation as part of the working drawings.
- ii. Shower walls:
1. Shower wall panels, trims and accessories shall be manufactured from solid cast polyester/acrylic blend resin.
 2. Shower wall panels shall be 3/8" thick minimum with green board behind all panels.
 3. Shower wall panels measuring 61" or less in width shall be supplied as single panels with no joints.
 4. Shower wall panels shall be manufactured and supplied at largest practical sizes so as to minimize seaming at the jobsite.
 5. Install shower wall panels with adhesive as recommended by manufacturer. Seal joints using manufacturer's recommended mildew resistant silicone sealant