

**DIVISION 06 – WOOD, PLASTICS AND COMPOSITES**

**DESIGN CRITERIA**

Provide wood products conforming to the Forest Stewardship Council Guidelines for certified wood building components.

For use in building interiors, composite wood and agrifiber products (including core materials) shall not contain added urea formaldehyde resins. Adhesives used in field and shop-fabricated assemblies containing these products shall not contain urea-formaldehyde.

**ROUGH CARPENTRY**

**06 10 00**

Form release agents used on wood concrete forms shall be biodegradable to enable the wood to be recycled.

Provide preservative treated wood in conjunction with roofing (nailers, curbs, etc.); any wood in contact with masonry, cement or the earth. Provide material safety data sheets for all wood preservative for review and approval by the UCD Office of Environmental Health & Safety.

Acceptable Wood Preservatives include: Copper Naphthenate and Zinc Naphthenate.

Provide plywood backboards; minimum 3/4-inch fire treated CDX for all wall mounted boxes and boards in mechanical or electrical rooms.

**FINISH CARPENTRY**

**06 20 00**

Materials, workmanship and installation shall be "Custom Grade" in accordance with Woodwork Institute of California's (WIC) "Manual of Millwork" latest edition.

**ARCHITECTURAL WOODWORK**

**06 40 23**

- A. Countertops: General use, non-laboratory and non-sink locations
  - 1. Laminate or solid surface, consult the University's Representative.
- B. Countertops: Non-laboratory, sink locations
  - 1. Solid surface material, Silestone, Corian, stainless steel, or equal.
  - 2. Sink installations shall be drop-in or under mount, refer to Division 22.
- C. Countertops: Laboratory
  - 1. Material: solid surface epoxy resin, phenolic resin, or other equivalent solid material. Plastic laminate countertops are not acceptable.
  - 2. Shall be resistant to heat, chemical, impact, and bacteria; provide manufacturer's data.
  - 3. Install drop-in epoxy sinks with color matched silicone for easy sink replacement.