

060000 Wood, Plastics, and Composites

Sections Included In This Standard:

- 1.1 Sustainable Materials
- 1.2 Rough Carpentry
- 1.3 Architectural Woodwork

1.1 SUSTAINABLE MATERIALS

- A. The University encourages the use of Forest Stewardship Council (FSC) certified wood building components.
- B. All composite wood and agrifiber products inside the building shall be free from add urea-formaldehyde resins including particleboard, MDF, plywood, wheat board, strawboard, panel substrates, and door cores.

1.2 ROUGH CARPENTRY

- A. INTERIOR WALLS: Metal framing shall be used for interior wall partitions, as wood framing is not acceptable.
- B. EXTERIOR WALLS: Wood framing shall not be used in exterior walls.
- C. In all Type-I Construction (per NFPA 220) buildings, the use of wood in wall construction is prohibited, with the exception of:
 - 1. Blocking for the installation of cabinets, shelving, and wall hung equipment.
 - 2. Nailing strips for the installation of wood base, chair rails, and crown molding.
 - 3. In fully sprinklered buildings, 1 x 2 pressure treated wood furring strips may be utilized where gypsum wallboard is to be applied over concrete block or other masonry walls. However, wood furring strips shall be cut off even with the top of the gypsum wallboard to minimize exposure. Galvanized hat or Z channel are preferred.
- D. In all Type-I Construction (per NFPA 220), the use of wood above suspended ceilings is prohibited.
- E. WOOD UTILIZED AS PART OF A LOW SLOPE ROOF MEMBRANE SYSTEM: All wood blocking, nailers, and cant strips shall be pressure treated and certified (with the appropriate stamp) for use in roofing applications.
- F. All pressure treated wood shall be certified Arsenic Free.

1.3 ARCHITECTURAL WOODWORK

- A. GENERAL REQUIREMENTS: The University of Florida's objective is to maintain a high degree of flexibility in the arrangement and potential use of all interior spaces. To this end, the use of custom made "built-in" cabinets, desks, book cases, counter tops and such is to be avoided where ever there is the option of utilizing manufactured products that are moveable and/or relocatable. Where use of built-in furniture is necessary, the design and construction shall be modular and relocatable.
- B. CUSTOM CASEWORK
1. Plastic laminate work shall be A.W.I. "Custom" grade.
 2. Fine woodwork and special plastic laminate work shall be A.W.I. "Premium" grade.
 3. The use of particleboard in the construction of laboratory casework, or in millwork to be located in wet use areas, is prohibited.
- C. COUNTERTOPS
1. Plastic Laminate Counter Tops
 - a) Counter tops shall be a minimum of $\frac{3}{4}$ " plywood with 1/16" general purpose grade high pressure decorative laminate surfacing. In laboratories where chemicals are used, plastic laminate shall be acid resistant type.
 - b) Plywood for use in sink cabinets and counter tops shall be minimum AC-EXT-DFPA grade. In all other areas, use minimum AD or AA-INT-DFPA grade.
 - c) Particleboard is not acceptable for use in the construction of plastic laminate counter tops.
 2. Wood Counter Tops: Hardwood as a counter top finish is discouraged and can only be utilized with the approval, on a case-by-case basis, of UF Project Manager.
- D. CABINETWORK
1. General
 - a) The design and construction of all cabinetwork shall be a minimum A.W.I. "Custom Grade", in accordance with the latest edition of the American Woodwork Institute "Architectural Woodwork Quality Standards, Guide Specifications and Quality Certification Program" guide book.
 - b) The use of particleboard in the construction of laboratory casework, or in millwork to be located in wet areas, is prohibited.
 2. Cabinet and Drawer Hardware
 - a) Specify only cabinet hardware that complies with ANSI A156.9, "American National Standards for Cabinet Hardware" and, verify compliance in shop submittals and by inspection of installations.

- b) Drawer slides shall be side-mounted type rated for intended use but in no case carrying less than a 100 lb. load rating. File drawer slides shall carry a minimum 150 lb. load rating. Acceptable Manufacturers: Grass America, Stanley, or Blum, Inc.
- c) Cabinet hinges shall be flush overlay, concealed self-closing, all metal, 165 degree opening. Acceptable Manufacturers: Grass America, Stanley, or Blum, Inc.

END OF SECTION