

DIVISION 06—WOOD, PLASTIC, AND COMPOSITES

FORMAT

1. Technical specifications content and numbering system shall be based on 2004 CSI MasterFormat.

BASIS OF DESIGN

1. BGSU Design standards shall not replace fully developed, project and market specific technical specification. Associate shall utilize the Standards as a minimum standard to guide the design and execution in the field. Exceptions to these standards are allowed provided they are approved by Design & Construction.
2. In instances where fewer than 3 manufacturers are indicated, the Associate shall insert "or approved equal" in the Products section of the technical specifications.
3. All submitted substitute products shall be brought to the attention of Design & Construction, prior to approval.

GENERAL PROVISIONS

1. Protection against rotting: Wood used in conjunction with roofing installations and wood which is installed in contact with concrete or masonry shall be pressure treated with an approved preservative to meet AWWPA Standards. Other installations shall receive prime coats suitable for finishes specified as soon as installations are completed. Back prime where dampness or warping is anticipated.

RELATED SECTIONS

1. 12 35 53—Laboratory Casework

06 10 00—ROUGH CARPENTRY

1. Wood Framing shall not be used as part of any wall or platform framing.

06 20 00—FINISH CARPENTRY

1. Materials and fabrication: Conform to Architectural Woodwork Institute specifications for Custom quality work.

06 40 23—INTERIOR ARCHITECTURAL WOODWORK Cabinet Work:

1. General:
 - a. Base cabinets shall receive toe kicks
 - b. Grommets shall be installed only after casework is in place and in consultation with ITS personnel & the end users.
2. Materials:
 - a. Hardwood plywood; MDF, grade 130; or particleboard, grade M-2
 - b. Plastic laminate shall be grade HGS
3. Construction:

- a. Drawer fronts shall be 3/4-inch- thick, hardwood plywood or solid hardwood.
 - b. Drawer sides and backs shall be 1/2-inch- thick, solid hardwood or hardwood plywood, with glued dovetail or multiple-dowel joints.
4. Countertops:
- a. Common areas shall have solid surface countertops
 - b. Areas having restricted access may have plastic laminate countertops
5. Hardware:
- a. Drawer Glides shall be heavy duty, full-overtravel-extension, ball-bearing type.
 - b. Pulls shall be solid stainless-steel wire pulls, fastened from back with two screws. For sliding doors, provide recessed stainless-steel flush pulls. Provide 2 pulls for drawers more than 24 inches wide.
 - c. Hinges shall be frameless concealed hinges (European type), 170 degrees of opening, self-closing.
6. Sinks
- a. Solid surface countertops shall have integral solid surface sinks.
 - b. Plastic laminate countertops shall have a stainless steel “drop-in” type sinks.

06 61 16—LAMINATED AND SOLID SURFACING

1. Solid-surfacing-material countertops:
 - a. Acceptable product is DuPont Corian.
 - b. Installer shall be manufacturer certified fabricators and have a minimum of 10 year’s experience on projects of similar sizes and scopes.
 - c. Product shall carry a manufacturer’s warranty for replacement or repair of material and labor (as determined by the University) for a minimum of 10 years.
 - d. Associate shall ensure polymer price group is identified in the specifications based on edge selection and color; whether it is marbled or solid; or has fine, medium or large particulates.
 - i. Applications:
 1. Vertical Services
 - a. Minimum thickness of vertical surfaces shall be 1/4”.
 - b. On vertical surfaces, 1/4” x 3” batten strips shall be located 12” O.C., and at the perimeter. Every seam shall have a batten strip backing.
 - c. Vertical surfaces shall have only vertical seams; no horizontal seams shall be used in vertical applications.
 - d. Seams shall not be visible.
 2. Horizontal Surfaces
 - a. Minimum thickness of horizontal surfaces shall be 1/2”.

- b. No solid or marbleized finishes shall be used. Use only polymer with small or medium particulates.
- c. Countertop shall have a 4" backsplash w/ inside radius and no seam.
- d. Seams shall not be visible.

End of Section