

DIVISION 6
WOOD & PLASTICS

1.0 BASIC WOOD AND PLASTICS MATERIALS & METHODS

Verify that wood fire treatment will not reduce the structural performance at elevated temperatures. Creosote and asphaltic preservatives are not acceptable

Provide wood adhesives which provide low VOC, FS MMM-A-125C, Type II water and mold resistant adhesives.

Provide 2" nominal wood blocking in metal stud framing to support toilet accessories, grab bars, railings, fixtures, wall mounted casework and equipment, wall mounted door stops and other similar items. At Contractors option, metal backing may be provided as specified in Division 5 and 9.

Approval from the Facilities Management Maintenance supervisor is required prior to designing cabinetry with particle board.

2.0 FINISH CARPENTRY AND CASEWORK

All finish carpentry and millwork shall meet AWI *Custom* quality standards.

Certified Wood must be certified and classified by the Forest Stewardship council.

Wood materials 2" thick or less shall have a moisture content of 19 percent maximum when delivered and installed.

Provide solid surface countertops in wet areas.

Design countertops with 1" plywood with 1/2" overhang. Back splash shall be 3/4" thick.

ALL exposed cabinet edges shall be laminated. Cabinet doors and drawers shall have matching veneer/laminate edges.

Cross supports under countertops shall sufficiently carry a 200 pound weight without sagging.

Nails may be used only for temporary concealed anchorage. Otherwise wood screws shall be utilized.

All adhesives and binders must be Low VOC emitting materials. Documentation from manufacturer shall be submitted. Urea-formaldehyde resin binders are unacceptable.

Preferred Cabinet Hardware:

3/4" Door Hinges: Invisible type, self closing overlay 120 degree opening similar to Grass America, Inc. model # VS8-3800 with 2 hinges per door. Anchor with 1000 Series base plate and 5.2 mm sleeve screws. Other Approved Manufacturers: Prameta or Hafele.

Adjustable Shelf Standards: Knappe and Vogt No. 255 with No. 256 supports. Predrilled holes at 32 mm o.c. with 2 pin self-locking nylon clips capable of supporting

a minimum of 250 lbs. each. Provide four per shelf.

Typical Drawer Slides: Grass 6610, 100 pound capacity or Blum No. 230E, 100 pound capacity.

File Drawer and Lateral File Drawer Slide: Accuride No. 3832, 100 pound capacity or Blum No. 430E, 100 pound capacity.

Cabinet Locks: Provide cabinet locks for doors and drawers where required by the Owner. Locks shall accept cylinders keyed to master key system.

Wood Finish:

Natural Finish: AWI Finish System No. TR-4 Catalyzed Vinyl (Custom Grade).

Waterproof Finish: AWI Finish System No. TR-6 Catalyzed Polyurethane (Premium Grade).

3.0 SOLID POLYMER FABRICATIONS

Approved Manufacturers:

Corian by DuPont

Avonite

Others as approved by the Campus Architect.

Minimum thickness ½-inch with exposed edges eased with 1/16-inch radius.

All seams to be solid and inconspicuous.

END OF SECTION