

# DIVISION 6 - WOOD AND PLASTICS

<b>Section Number</b>	<b>Title</b>
<b>06 20 00</b>	<b>FINISH CARPENTRY</b>
06 22 00	Millwork and Casework
	Cabinets
	Closet and Storage Shelving
	Molding and Trim
<b>06400</b>	<b>ARCHITECTURAL WOODWORK</b>
06420	Custom Casework
06470	Screens, Blinds and Shutters

## DIVISION 6 - WOOD AND PLASTICS

<b>Section Number</b>	<b>Title</b>
<b>06100</b>	<b>ROUGH CARPENTRY</b>
06125	Wood Decking
06170	Prefabricated Structural Wood
06180	Glued-Laminated Construction
06190	Wood Trusses
<b>06200</b>	<b>FINISH CARPENTRY</b>
	<u>General</u>
	Formaldehyde containing particle board and similar composition products are not encouraged. DP to specify formaldehyde off-gassing rates to be less than .03 milligrams per square foot of surface/hr in accordance with ASTM D5116-90.
06220	Millwork and Casework
	<u>Cabinets</u>
	<u>Closet and Storage Shelving</u>
	<u>Molding and Trim</u>
06240	Plastic Laminate
	Synthetic counter tops shall be high pressure laminate, or, in extra heavy duty use applications, equal to "Corian", 1/2" minimum thickness
	Guides for plastic laminate finishing are as follows: min. .050" exposed horizontal surfaces; min. .028" exposed vertical surfaces; min .020" cabinet linings and concealed backing.
	The use of plastic laminate tops and splashes is not recommended for high moisture areas such as lav tops, coffee bar tops, or work surfaces that are repeatedly subjected to spillage, water cleaning, or subject to chemical substances.
<b>06300</b>	<b>WOOD TREATMENT</b>
06320	Fire Retardant Treatment
<b>06400</b>	<b>ARCHITECTURAL WOODWORK</b>
	<u>General</u>
	This section applies to architectural mill and casework. In general, the design and specification of items normally contained in this section must be considered to last the lifetime of the building. Flexibility, years of heavy use and misuse, limited maintenance, high impact, occasional overloading and initial cost effectiveness should be the criteria in the design and finish.
	Endangered or limited tree species used as veneers or solid stock (mahogany, teak, etc.) are not allowable. Soft species used for face veneers, tops, kick plates, bases or any other high impact or abrasion related use are not allowable.
	Wood thresholds are not acceptable unless retrofitting historic buildings.

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**Title**

06420

Custom Casework

Case or millwork that will be specified as receiving a painted finish, should be limited to lower cost species (birch, poplar, etc.).

All cabinet and millwork tops, sides, dividers, shelving, etc., shall be 3/4" minimum stock. Stained veneer materials shall conform to AWI custom grade, minimum thickness 1/16".

Unexposed framing shall be nominal 1 x 2 hardwood, AWI custom grade.

Doors and drawer fronts shall be 3/4" minimum core stock.

Drawer boxes shall be 1/2" minimum with minimum 1/4" plywood bottoms.

Cabinet tops should be of sufficient height to comply with minimum disabled accessibility requirements.

Built-in shelving or free standing modular shelving height should not exceed 6' from finished floor (unless used in large storage areas) and be securely anchored to studs or to unit masonry walls that are reinforced to accept the loading.

All shelving should be designed as fully adjustable, 3/4" minimum thickness.

"Line bore and pin" method of shelving adjustment (either in cabinets or standing shelving) is desired. Shelf standards mortised in with brackets is also acceptable.

All millwork and accessory hardware shall comply with ANSI A156.9, minimum quality level Type 2 (institutional). Hinges, guides, slides, etc., shall utilize bearings complying with BHMA 201.

All cabinet hinges should be self closing. NAU standard Amerock spring loaded or approved equal.

Drawer slides should allow full extension (1" longer than total drawer depth) and be specified as heavy duty (100 lb. minimum), blum or approved alternate.

The use of painted particleboard as the finish for cabinets and tops is not acceptable. Particle board is allowable as core stock in low/no moisture areas when receiving a high pressure plastic laminate finish.

Particle board is not an acceptable material for shelving with greater than a 2 foot unsupported span.

The use of melamine or other similar low mill finishes (less than .020") as interior cabinet lining or underside of shelving is not acceptable. Melamine thermo fused 3/4" is acceptable for interior finish of cabinets only.

All exposed cabinet hardware should be specified with a permanent, durable finish that is easily cleanable.

All countertops designed as work surfaces shall be of an appropriate height to accommodate the physically disabled.

All millwork designed to support electrical equipment (computers, phones, clocks, etc.) shall have grommet openings allowing cords, interconnect cables, etc., to be concealed or routed internally. Grommets shall be 2-1/2" minimum diameter plastic, color to match adjacent finish.

06470

Screens, Blinds and Shutters

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Number**      **Title**

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