

DIVISION 6
WOOD AND PLASTIC

SECTION 06100: ROUGH CARPENTRY STANDARDS

I. GENERAL

- A. Provide solid wood blocking behind all toilet and bath accessories, drapery track hardware, wall-mounted doorstops, handrails, cabinets, etc. to provide a secure installation for heavy usage.
- B. Provide putty tape under all sill plates at ground level concrete slabs.
- C. Provide waterproof construction adhesive where plywood floors attach to wood joists.
- D. Provide pressure-treated plywood at all exterior deck locations subject to regular walking traffic where a topping of concrete, elastomeric coating, or similar is installed over the plywood subfloor.
- E. *Structural members within 2 feet of floor at wet locations (e.g. behind toilets and sinks) shall be pressure treated.*
- F. *Provide pressure treated wood at exterior site applications.*

II. MATERIALS

A. Wood Preservative

- 1. Material safety data sheets shall be provided for all wood preservatives for review and approval by the UCSC Office of Environmental Health and Safety (EH&S).
- 2. *All pressure treated materials shall be per (AWPA) Standard C-2 for soil and fresh water use (ACQ or ACZA @ .40 pcf).*
- 3. Acceptable products for field applications are:
 - a. Copper Naphthenate (green).
 - b. Zinc Naphthenate (clear).

III. EXECUTION

A. Wood Preservatives

- 1. Flood coat wood preservative at all cut edges, ends, and bored holes in pressure-treated plywood, and other pressure treated wood.
- 2. Provide generous ventilation (cross-ventilation where possible) for all enclosed framed spaces.
- 3. Pay strict attention to handling precautions provided by manufacturer.
- 4. *Use application rate of 0.25 pcf for above ground conditions. Use 0.4 pcf for ground contact which should apply to sills, sleepers, etc. in contact with masonry or concrete and cants, nailers, curbs, equipment support bases, etc. in connection with roofing, flashing, waterproofing.*

- B. Provide air space gaps by washers, caulking, or other means when structural wood in permanent exterior locations adjoins other wood or concrete in order to allow for air circulation. (e.g., deck posts with a bolted beam across, or at deck posts on concrete, etc.)

SECTION 06200: FINISH CARPENTRY STANDARDS

I. GENERAL

- A. Avoid exterior miter joints when possible, as these tend to be difficult to execute in the field, and have a tendency to shrink over time creating water penetration problems.

II. MATERIALS (not used)

III. EXECUTION

- A. Scarf all joints at wood trim, fascia joints, and other wood in exterior locations in order to minimize shrinkage problems.
- B. Provide drip edges at all wood sills, siding lower edges, fascias, trims, etc. by providing slight overhangs, saw kerfs, etc. as necessary to enable water to drip off edges of surfaces.
- C. Caulk at all exterior butt joints, when they occur at trim and other locations, to allow for shrinkage and maintenance of watertight conditions.
- D. Allow for exterior wood (trim, siding, etc.) installed next to metal flashing at rake roofs, next to concrete patios, and similar situations, to "breathe" by allowing a minimum of 1/4" air space below the wood edge.

SECTION 06400: ARCHITECTURAL WOODWORK STANDARDS

I. GENERAL

- A. Standards: architectural woodwork shall be manufactured in accordance with standards established in the Manual of Millwork of the Woodwork Institute of California, latest edition, for WIC "Custom" Grade.
- B. Where the added expense is justified and W.I.C. certification for casework is desired, the following language must be included:

Before delivery to the jobsite, the millwork supplier shall either issue a WIC Certified Compliance Certificate indicating the millwork products he will furnish for this job and certifying that they will fully meet all the requirements of the grade specified or he shall provide to the Owner's Representative a Certificate of Reinspection by the WIC indicating that the architectural woodwork in question meets the requirements of the WIC grade specified.

- C. The foregoing shall not be construed to limit the power and authority of the Owner's Representative to reject any architectural woodwork which does not in his opinion meet with any of the specifications of the Contract.

II. MATERIALS (not used)

III. EXECUTION (not used)