



06200

Finish Carpentry

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A. Summary

This section contains general design criteria for finish carpentry. The designer is responsible for specifying and designing details for Yale University's approval.

B. Product Standards

Finish carpentry products must conform to AWI quality standards, custom-grade.

C. Materials

Finish carpentry materials must conform to the following standards.

1. Exterior Finish Carpentry

- a. Trim and boards for transparent finishes must be western red cedar, Grade B and better, number 1 and 2 clear.
- b. Trim and boards for painted finishes must be hardwood suitable for exposure and loading.
- c. Plywood for painted finishes must be APA-rated, exterior, medium-density, overlay plywood.



2. Interior Finish Carpentry

- a. Trim, boards, and plywood for transparent finishes must be hardwood of a species required by the designer, or as required to match existing trim, boards, and plywood. Sequence match veneers for plywood.
- b. Trim and boards for painted finishes must be hardwood suitable for exposure and use.

3. Shelving

- a. Shelving must be solid hardwood, plywood with hardwood edge bands, or high-density particleboard, faced on all sides and edges with plastic laminate
- b. Shelving at labs must be epoxy resin.
- c. Material thickness or reinforcement must be appropriate for the shelf loads, with regard to shelf depth and span.

4. Wood Treatment

- a. Items in contact with roofing, flashing, waterproofing, masonry, concrete, or the ground must be pressure-treated with a waterborne preservative. The vehicle for the preservative must be compatible with the finish.
- b. Where required by code or local authorities, use ASTM E 84, Class A fire-retardants. The vehicle for the fire-retardant preservative must be compatible with the finish.

D. Installation Guidelines

1. Run trim in single lengths to the extent possible.
2. All carpentry work must be set to required levels and lines, with members plumb, true, and cut to fit.

End of Section



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Architectural Woodwork

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A. Summary

This section contains design criteria for architectural woodwork, including the installation of shop-fabricated exposed woodwork and casework.

B. Certification Requirements

Manufacturers must be AWI-certified.

C. Shop Drawings

Shop drawings must:

- Indicate the physical dimensions and details or profiles of all elements of the work, including the location of different grades, species, and/or finishes.
- Provide dimensions, details, and specific directions for all blocking required for installation
- Indicate dimensions, details, and specific directions for all cutouts or easements required for equipment, accessories, utilities, or service access.

D. Product Standards

Architectural woodwork products must conform to AWI quality standards, custom-grade, unless otherwise indicated or approved.



E. Materials

Architectural woodwork materials must conform to the following standards.

1. Wood Species

- a. With transparent finishes, use the hardwood species required by the designer or a species that matches the existing hardwood.
- b. With painted finishes, use a closed-grain hardwood suitable for the exposure and loading.
- c. With laminate backings, use at least 45 lb density particleboard.

2. Veneer Matching

Use the veneer required by the designer or a veneer that matches the existing veneer.

3. Plastic Laminate

Use NEMA LD-3, 0.050" thick horizontal-grade plastic laminate at exposed surfaces. Use 0.020" thick horizontal-grade laminate at semi-exposed parts, such as cabinet liners. The designer will select the color, texture, and pattern.

4. Solid Surfacing

Use Dupont™ Corian® solid surfaces or an approved equivalent.

5. Casework and Counters

With transparent, painted, or plastic laminate finishes, use AWI custom-grade wood.

6. Hardware

Use brass or stainless steel hardware.

7. Glass, Doors, and Shelves

Use tempered safety glass.



8. Finishes

- a. For transparent finishes, use:
 - Catalyzed polyurethane
 - AWI finish system TR-6
 - Custom-grade
- b. For opaque finishes, use:
 - Catalyzed vinyl
 - AWI finish system OP-5
 - Custom-grade

9. Fire-Retardant Treatment

Where required by code or local authorities, use ASTM E 84, Class A fire-retardants. The vehicle for the fire-retardant preservative must be compatible with the finish.

End of Section