



## 062000

### 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 - General

- 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 epoxyresin.

Material thickness or reinforcement must be appropriate for the shelf loads, with regard to shelf depth and span.

### 4. Shelving - Yale School of Medicine

- a. Hardware: Provide strong corrosion resistant, sanitary and easy to clean shelf standards and supports, such as Knappe & Voge (KV) 87 Series Wall Standards and 186/187 Series Adjustable Wall Brackets.
- b. Fabrication: Fabricate to AWI Custom Standards.
- c. Shop Finishing:  
Transparent Finish: AWI System Number, as indicated. Grade: Custom.  
Opaque Finish: AWI System Number, as indicated. Grade: Custom.

### 5. 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.