

1. Design Criteria

- a. This section applies to architectural wood shelving, not shelving inside casework cabinets.
- b. Manufactured case goods shall not use particle board.
- c. Projects pursuing LEED certification shall consider FSC wood and rapidly renewable materials.
- d. Lab shelving shall require a lip to prevent chemicals from spilling from edge and shelving in offices shall be attached to the wall brackets.
- e. Chemical or stain resistant surface requirements must be specified.
- f. Laboratory shelving shall be moisture and chemical resistant. Review specific agents in use where shelves are located with UVM project manager.
- g. The maximum allowed length of adjustable wood shelving shall conform to AWI Standards for Adjustable shelf length for the applied load capacity.

2. References

- a. AWI (Architectural Woodworking Institute) Architectural Woodwork Standard.
- b. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials; 2015a.
- c. ASTM D3023 and C1378 for stain resistance.
- d. AWI (QCP) Quality Certification Program; current edition [www.awiqcp.com](http://www.awiqcp.com)
- e. HPVA HP1 – American National Standard Hardwood and Decorative Plywood; 2009.
- f. NEMALD 3– High-Pressure Decorative Laminates; 2005.
- g. SEFA #3 Recommendations for Work Surfaces.

3. Required Submittals

- a. All equipment and product information.
- b. All product warranty information.
- c. Shop Drawings: Comply with AWI recommendations. Show dimensions, seam locations, edge details, and connections.
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