

HALE MANUFACTURING COMPANY
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PRODUCT SPECIFICATION

Item description: Saratoga Bookshelf Wall Units – Single Sided

General Construction:

All wood used in the construction of parts and shelving will be kiln-dried hardwood containing moisture content of 5% - 7% at the time of fabrication. All woods will be selected for uniformity of grain and color. Wood used for internal parts will be selected to be structurally sound.

End panels will be hardwood veneer over a 3-ply flake core panel with thickness of 1". The front edge is hardwood banded with a bull nose profile.

All joint construction will use standard woodworking methods including peg and dowel, dovetail, spline, rabbet, mortise and tenon.

Wood Finishes:

In the manufacturing process, hardwood parts are glued, cut to size, machined and finish sanded on a 2-head wide belt-finishing sander. Hardwood veneer end panels are finish sanded on a Heesman automatic veneer panel sander. Finish sanding of veneer panels and hardwood parts include the use of 100, 120 and 150 grit-sanding belts.

After parts are assembled into a freestanding unit, final hand sanding and inspection prepares the unit for the first finishing step. The selected color finish is hand applied and cloth wiped to provide a uniform color.

One coat of sealer is applied with an airless sprayer and allowed to cure. After curing, the sealer is sanded with 220 grit sandpaper to provide a uniform smooth surface.

A final lacquer topcoat is applied with an airless sprayer and cured in a heated drying room. The topcoat dries smooth to approximately a 30-sheen finish, which is resistant to normal wear and scratching.

UNIT DESCRIPTION:

Bookshelf wall units are constructed for end to end grouping along a wall or divider. End panels with a standard depth of 11-3/4"D, are 1" thick hardwood veneer particleboard with a bull nose hardwood cleat on the front edge. The end panels are routed along the back edge to accept a 1/4" thick veneer plywood back. The inside of each end is machined with 1/4" shelf support holes spaced at 1" increments. Four zinc plated steel shelf supports are provided for each shelf. A 3/4" sub-top is doweled between the ends at the top and a bottom shelf, and a 3" solid hardwood toe kick is installed at the bottom of the unit. After the sub-top and bottom shelf are assembled with the end panels to form the free standing bookshelf, the overlay top is installed. A 1" thick solid hardwood top with a bull nose profile is installed on the top of the unit with woodscrews through pre-machined holes in the sub-top. The woodscrew holes are masked by wooden plugs. The bull nose profile top over hangs 1/2" on the front of the unit. The veneer plywood back is installed onto the back of the unit with 18 gauge furniture staples. The adjustable shelf is a 1" thick lumber core shelf with a hardwood veneer face top and bottom. A solid hardwood bull nose cleat dresses up the front edge of the shelf providing a working surface depth of 11"D. The solid lumber core shelf carries a load rating of 200 lbs. without deflection. Two angle brackets with threaded adjustable glides are installed behind the toe kick on the bottom shelf to assist in leveling during installation.

WARRANTY: 10 years from date of shipment against manufacturing defects and workmanship.