

GUIDE SPECIFICATIONS - BENCHES

SAUDER MANUFACTURING CO.
ARCHBOLD, OH

1.0 GENERAL

1.1 DESCRIPTION

Bench Body shall be model # _____ as manufactured by Sauder Manufacturing Co., Archbold OH.
Bench End shall be Sauder model # _____ with edge molding # _____.

1.2 QUALITY ASSURANCE

Manufacturer Qualification: Manufacturer shall have been regularly engaged in the manufacture of similar items for a minimum of twenty (20) years, and shall have a history of successful production acceptable to the architect.

1.3 SUBMITTALS

- A. Bench manufacturer or manufacturer's rep shall submit product data, shop drawings, fabric samples, and stain/finish samples upon request, prior to fabrication of Benches.
- B. Bench manufacturer or manufacturer's rep shall field measure project and generate as-built, computer generated floor plan layouts for final approval prior to fabrication.

1.4 DELIVERY, STORAGE, AND HANDLING

- C. Bench manufacturer shall be responsible for coordinating timely delivery with owner/contractor to prevent any storage or handling of product by owner/contractor prior to assembly and installation.
- D. Bench manufacturer shall be responsible for all delivery, unloading, assembly, and complete installation of Benches, using factory trained regional installation crews.

2.0 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

Sauder Manufacturing Co.
930 W Barre Rd.
P.O. Box 230
Archbold, OH 43502
800-537-1530

2.2 MATERIALS & CONSTRUCTION

- A. Bench Back: Back shall be a flat panel of 5-ply construction, with a core of nominally ½" plywood, two plys crossband of 1/8" hardboard (64.2 lb density), with one ply premium Sauder standard wood specie on both faces. The bench back cap shall be 5/4 premium Sauder standard wood specie, finger jointed before being molded to obtain required lengths. The cap shall be attached using a hydraulic press using assembly glue and a press fit joint, and shall have an under-cap support molding for added strength.
- B. Bench Seat: 5-ply construction, shaped to body contour. Core material shall be nominally ½" plywood, with two plys crossband of 1/8" hardboard (64.2 lb density), with one ply premium Sauder standard wood specie on top faces, and continuous balance sheet of bottom face. An integral solid lumber edge band shall be laminated into the 5-ply seat for screw-holding at back-to-seat joint.
- C. Intermediate supports shall extend the full height of the bench back to the cap, and shall be 1 ½" thick. Construction method shall be determined by exact style of support chosen.
- D. Bench Ends: Construction method shall be determined by exact style of bench end chosen. Veneer edge banding shall not be used in the construction of bench ends.
- E. Bookracks shall be constructed of solid premium Sauder standard wood specie, and shall include felt padding on bottom for silencing. Attachment to bench back shall use concealed keyhole design to prevent exposed screw heads.
- F. Finish: Stain, sealer, and top coat to be a formaldehyde free formulation. Stain color shall be selected from Sauder standard finish samples, or may be matched to customer's sample. Stain shall be applied using a manually operated spray system, and then brushed or handwiped to ensure thorough penetration, and allowed to fully air dry. A two-component polyurethane sealer shall then be applied using a manually operated spray system and oven cured. Final top coat shall be a two-component, polyurethane applied using a manually operated spray system, and oven cured. The top coat shall be UV stable to prevent yellowing and shall be specially formulated to provide excellent scratch resistance and protection from household chemicals.
- G. Wood Species: Sauder standard wood species are (Red Oak, White Oak, Cherry, Maple, Mahogany, Walnut, European Beech, Rift Sawn Red Oak, Rift Sawn White Oak).

3.0 EXECUTION

3.1 INSTALLATION

Bench manufacturer shall be responsible for all delivery, unloading, assembly, and complete installation of Benches, using factory trained regional installation crews. Installation crews shall position the Benches according to the approved floor plan and shall scribe each individual support to fit the floor. Concealed expansion anchors drilled into concrete floors shall be used to secure the Benches. All joints shall be wedged tight before screws are inserted. Moldings shall be attached with concealed pins to cover exposed screw heads.

3.2 SPLICE GUIDELINES

All benches with length's greater than 8' (96") will be spliced. The manufacturer requires spliced benches for multiple floor installations. The 8' (96") length is the ideal length of benches for delivery transfer using freight elevators within the facility.

3.3 WARRANTY

The manufacturer shall provide a written twenty-five (25) year warranty (10 years on upholstery) against defects in materials and workmanship.