

WoodTrac, a division of Sauder Woodworking, is committed to producing and sourcing quality building materials at an unmatched value for its customers. Its range of storage and organization products are sold and distributed across the multifamily, single family and remodeling market places offering well designed storage solutions to tenants and homeowners alike. WoodTrac combines its heritage of innovation with the strength of its state-of-the-art manufacturing operation and a large distribution network to provide products and services to its customers in the residential and commercial markets.

Sauder Woodworking Co. is North America's leading producer of ready-to-assemble (RTA) furniture and one of the top five residential furniture manufacturers in the United States. An authentic American original, 90 percent of Sauder® furniture is manufactured in its expansive Archbold, Ohio facility. With some of the most technologically advanced equipment in the world, the facility features nearly 4 million square feet of space, employs about 2,000 workers and houses a wide variety of local and imported materials.

SECTION 105723

WIRE CLOSET SHELVING

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section including the following.
 - 1. Fixed Ventilated Wire Shelving
- B. Related Work: The following items are not included in this Section and are specified under the designated Sections:
 - 1. Section 061000 - Rough Carpentry; furring, blocking, and other carpentry work not exposed to view.
 - 2. Section 092110 - Gypsum Board Assemblies; for coordination of location of blocking.

1.2 SUBMITTALS

- A. Product Data: Submit for each product indicating materials, dimensions, profiles, textures and colors. Include installation instructions.
- B. Shop Drawings: Submit shop drawings indicating plans, elevations, details of construction, and relationship with adjacent construction.

1.3 QUALITY ASSURANCE

- A. Manufacturer: Regularly engaged in manufacturing of products specified in this section with a minimum of five years documented experience.
- B. Installer: Minimum of 2 years installing similar products.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Storage and Handling: Comply with manufacturer's recommendations for storage and handling. Protect from weather damage.

1.5 WARRANTY

- A. Warranty: Provide manufacturer's standard limited warranty against defects in manufacturing.

PART 2 - PRODUCTS

2.1 FIXED VENTILATED WIRE SHELVING

- A. Basis of Design: WoodTrac ventilated wire shelving as manufactured by Sauder Woodworking: 502 Middle Street, Archbold OH 43502; Toll Free Tel: 855-854-7465; woodtrac@sauder.com; www.woodtrac.com. Configuration as indicated on the Drawings.
- B. Material: Grade C 1008 basic cold drawn steel wire with average tensile strength of 100,000 psi.
1. Steel wire resistance welded at intersection of cross deck wires. Deck wire spacing shall be on 1" increments or ½" for Tight Mesh. Cross deck wires trimmed smooth.
 2. Finish: White Epoxy/Polyester hybrid powder coating of between 3-5 mils thick to provide continuous protective coating.
 3. Dimensions:
 - a. Shelf and Rod Wire Shelving: 12 foot by 12 inch
 - b. Shelf and Rod Wire Shelving: 12 foot by 16 inch
 - c. Linen Wire Shelving: 12 foot by 9 inch
 - d. Linen Wire Shelving: 12 foot by 12 inch
 - e. Linen Wire Shelving: 12 foot by 16 inch
 - f. Tight Mesh Shelving: 12 foot by 9 inch
 - g. Tight Mesh Shelving: 12 foot by 12 inch
 - h. Tight Mesh Shelving: 12 foot by 16 inch
 - i. Tight Mesh Shelving: 12 foot by 20 inch
 - j. MaxGlide Shelving: 12 foot by 12 inch
 - k. MaxGlide Shelving: 12 foot by 16 inch
 4. Wire Gauge:
 - a. Front longitudinal wires Linen Shelf: .243"
 - b. Front longitudinal wires Shelf and Rod: .306"
 - c. Back and middle longitudinal wires all shelves: .225"
 - d. Deck wires: .092"
- C. Hardware Accessories:
1. Support brace: 9", 12," 16"
 2. Wall bracket
 3. Backclip
 4. All purpose clamp
 5. Wall anchor
 6. Small and large end caps
 7. Rod spacer cap

2.2 PERFORMANCE REQUIREMENTS

- A. Loading: Anchored to drywall.

- a. Support braces or wall brackets required every 36 inches
 - b. Back clips drywall mounted every 12 inches beginning 1.5 to 2 inches from sidewalls. Open ended shelves require a second back clip 2 inches from the end clip and all purpose clamp into the stud closest to the open end.
2. Performance: Load capacities 30 to 80 lbs per foot dependent upon shelf width and configuration.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine existing conditions are suitable for installation of closet specialties. Proceed with installation only when unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Clean substrates of projections and substances detrimental to application.
- B. Install wire shelving in accordance with manufacturer's instructions, approved submittals and the following:
 1. Cut shelving to .5" shorter than wall measurement. Consider adjoining Work.
 2. Drill .25" anchor holes for mounting hardware.
 3. Install wall brackets and back clips according to manufacturer's written instructions.
 4. Cap raw edges as recommended by manufacturer.
 5. Install support braces and wall anchors according to manufacturer's written instructions.
 6. Install shelving level, plumb, and aligned with other Work.
 7. Install in proper relationship to adjacent construction.

3.3 ADJUSTING AND CLEANING

- A. Clean soiled surfaces after installation.
 1. Remove surplus materials, rubbish, and debris resulting from installation and leave areas of installation in neat and clean condition after installation.
- B. Clean exposed and semi-exposed surfaces using materials acceptable to manufacturer.

END OF SECTION 105723