

SECTION 12350

BOOKCASE DOORS

Woodfold Mfg., Inc.
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DUE TO CONTINUING PRODUCT DEVELOPMENT, THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Woodfold Mfg., Inc. offers a complete line of space utilization dividers, sight dividers, room dividers as well as custom made roll-up doors for commercial, institutional, and residential applications.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Bookcase Doors.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Framing for placement of bookcase doors.
- B. Section 06200 - Finish Carpentry: Trim, millwork and casework attached or adjacent to bookcase doors.

1.3 DESIGN REQUIREMENTS

- A. Furnish a bookcase which acts as a method of entrance and egress, and capable of handling loads up to 500 lbs (226 kg).

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit drawings providing plan, section and elevation views as necessary to convey proper installation methods. Coordinate locations with those found on the Contract Drawings.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer experienced in millwork, casework and furnishings fabrication.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with demonstrated experience in installing products of similar type and scope as specified.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. At project closeout, provide to Owner or Owner's Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Woodfold Mfg. Inc., which is located at: 1811 18th Ave., PO Box 346, Forest Grove, OR 97116-0346. ASD. Tel: 503-357-7181. Fax: 503-357-7185. Email: info@woodfold.com; Web: www.woodfold.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 APPLICATIONS / SCOPE

- A. Furnish a bookcase that provides a means of entrance and egress from a room.
- B. Furnish a bookcase that covers a flush to wall mounted fixture while allowing access.

2.3 BOOKCASE DOOR

- A. Wood:
1. Body and Shelves: $\frac{3}{4}$ inch (19mm) ApplePly with Oak Veneer.
 2. Body and Shelves: $\frac{3}{4}$ inch (19mm) Cherry Veneer.
 3. Body and Shelves: $\frac{3}{4}$ inch (19mm) Maple Veneer.
 4. Valence: Wood species and finish to match bookcase and shelves.
 5. Finish: Unfinished.
 6. Clear Lacquer Finish: Sher-Wood Kem Aqua as manufactured by Sherwin Williams.
 7. Painted Finish: Sher-Wood Kem Aqua Pigmented, as manufactured by Sherwin Williams.
 8. Stained Finish: Sher-Wood Stain as manufactured by Sherwin Williams.
 9. Color: _____.
 10. Color: As selected by Architect.
- B. Hardware:
1. Center Hinge: Continuous piano hinge.
 2. Roller System: Heavy duty steel roller system with convex caster and rail system and anti-binding mechanism.
 3. Guides: Multiple position steel upper wall guides.
 4. Pivot Hardware: Adjustable for left or right handing. Two position pivot.

2.4 FABRICATION

- A. Joinery:
1. Back: Rabbeted into four sides.
 2. Shelves: Doweled.
- B. Dimensions:
1. Bookcase Width: 54 inches (1372mm).
 2. Bookcase Height: 88 $\frac{7}{8}$ inches (2257mm).
 3. Clear Width (Open): 35 $\frac{5}{8}$ inches (905mm).
 4. Shelf Depth: 8 $\frac{1}{4}$ inches (210mm).
- C. Dimensions:
1. Bookcase Width: 66 inches (1676mm).
 2. Bookcase Height: 88 $\frac{7}{8}$ inches (2257mm).
 3. Clear Width (Open): 47 $\frac{5}{8}$ inches (1210mm).
 4. Shelf Depth: 8 $\frac{1}{4}$ inches (210mm).

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.

- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install units plumb, level and square without warp or rack.
- C. Install in a left hand outswing configuration.
- D. Install in a right hand outswing configuration.
- E. Coordinate handing as noted on the Contract Drawings and Door Schedules.

3.4 ADJUSTMENT

- A. Prior to project closeout, adjust bookcase door so it moves freely without binding or other inhibited movement.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION