

SECTION 08333

OVERHEAD COILING WOOD COUNTER DOORS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Overhead Coiling Wood Counter Doors.
- B. Mechanical Operators.
- C. Electrical Operators.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry.
- B. Section 06200 - Finish Carpentry.
- C. Section 08710 - Door Hardware.
- D. Section 09900 - Paints and Coatings.
- E. Section 16050 - Basic Electrical Materials and Methods.

1.3 SYSTEM DESCRIPTION

- A. Design Requirements:
 - 1. Counter door wood species: _____.
 - 2. Counter door mounting: Inside mount, with coil and guide rails mounted between opening jambs.
 - 3. Counter door mounting: Mixed mount, with coil mounted on face of wall, and guide rails mounted between opening jambs.
 - 4. Counter door mounting: Outside mount, with coil mounted on face of wall, and guide rails mounted on face of wall at jambs.
 - 5. Counter door operation: Manual push-up.
 - 6. Counter door operation: Manual crank operator, crank socket on _____-hand side of counter door as viewed from coil side.
 - 7. Counter door operation: Electric motor operator on _____-hand side of counter door as viewed from coil side.
 - 8. Opening size: Indicated on drawings.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.

- B. Product Data: Manufacturer's descriptive literature for counter door units, hardware, operators and controls; include power requirements.
- C. Product Data: Manufacturer's descriptive literature for counter door units, hardware, and operators.
- D. Product Data: Manufacturer's descriptive literature for counter door units and hardware.
- E. Shop Drawings: Indicate opening sizes, jamb, sill, and head conditions, control locations, and required locations for power source.
- F. Shop Drawings: Indicate opening sizes, jamb, sill, and head conditions.
- G. Selection Samples: Two sets of wood species samples, representing manufacturer's full range of available species selection.
- H. Verification Samples: Two sample curtain slats, minimum size 8 inches in length, representing actual species and grain quality of installed product.
- I. Verification Samples: Two sample curtain slats, minimum size 8 inches in length, representing actual species, grain quality, and match to specified factory finish, of installed product.
- J. Quality Assurance Submittals: Printed installation instructions for specified counter door assembly.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Protection:
 - 1. Store components in manufacturer's unopened packaging until installation.
 - 2. Maintain dry, heated storage area for components installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Woodfold-Marco Mfg., Inc.; P.O. Box 346, Forest Grove OR 97116; ASD. Tel: (503) 357-7181, Fax: (503) 357-7185.

B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

C. Substitutions: Not permitted.

2.2 COMPONENTS

A. Curtain:

1. Slats: Solid hardwood profiles with long edges rabbeted to interlock to form sight-proof curtain.
2. Bottom rail: Solid wood profile matching grain and species of slat.
3. Interlocking hardware: Manufacturer's standard, concealed within slat and bottom rail profile.

B. Guides: Manufacturer's standard guides for indicated counter door mounting and operation.

C. Operator: Geared lifting and lowering mechanism with manual crank operator.

D. Operator: Tubular electric motor operator, 110VAC 60Hz power requirement.

E. Operating Switch: Specified in Section 16050.

F. Guide Spacers: Manufacturer's standard spacers to allow clearance for gear box.

G. Latching Hardware: Manufacturer's standard sidebolt surface mounted to curtain bottom rail at each end of curtain.

H. Latching Hardware: Deadbolt with thumbturn, mortised into curtain bottom rail on coil side of counter door.

I. Latching Hardware:

1. Deadbolt with keylock, mortised into curtain bottom rail on coil side of counter door.
2. Supply two (2) keys for each lock.
3. Cylinders for keylocks are specified in Section 08710.

J. Hood: Constructed of plywood, with veneer on sight-exposed face matching species of curtain material, or solid wood of same species as curtain material; concealed fastener construction to facilitate hood removal for servicing counter door.

K. Fascia: Constructed of plywood, veneer on sight-exposed face matching species of curtain materials; concealed

fastener attachment to facilitate fascia removal for servicing counter door.

2.3 FINISHES

- A. Sand sight-exposed wood surfaces to smooth finish.
- B. Application of final finish is specified in Section 09900.
- C. Apply clear polyurethane sealer to sight-exposed wood surfaces.
- D. Custom Finish: _____.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Verify openings are in accordance with approved shop drawings.
- B. Installer's Examination:
 - 1. Have installer of this section examine conditions under which construction activities of this section are to be performed, then submit written notification if such conditions are unacceptable.
 - 2. Transmit two copies of installer's report to Architect within 24 hours of receipt.
 - 3. Beginning construction activities of this section before unacceptable conditions have been corrected is prohibited.
 - 4. Beginning construction activities of this section indicates installer's acceptance of conditions.

3.2 INSTALLATION

- A. Install counter doors plumb and level in accordance with approved shop drawings and manufacturer's printed installation instructions.
- B. Installation of switch operator and connection of electrical components are specified in Section 16050.

3.3 ADJUSTING

- A. Adjust counter doors to operate correctly in accordance with manufacturer's product data.

END OF SECTION