

## *OVERHEAD COILING WOOD COUNTER DOORS*

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( DUE TO CONTINUING PRODUCT DEVELOPMENT, THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE ( RDS 1/99

Woodfold-Marco overhead coiling wood counter doors offer an attractive solution when both security requirements and aesthetic requirements must be met.

### SECTION 08333 - OVERHEAD COILING WOOD COUNTER DOORS

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

Delete items below not required for project.

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

##### 1.2 RELATED SECTIONS

Delete any sections below not relevant to this project; add others as required.

- 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

Edit the following paragraph for project requirements; if more than one type counter door is required, add a Counter Door Type designation to the first sentence, copy paragraph for as many counter door types required, and edit each paragraph accordingly. Coordinate requirements specified in this Article with items in COMPONENTS Article of PART 2.

- A. Design Requirements:

Counter doors are available in Oak, Maple, Birch, Mahogany or Cherry woods; other species can be specified also. Consult manufacturer for options.

1. Counter door wood species: \_\_\_\_\_.

Delete all but one of the following four sentences.

2. Counter door mounting: Inside mount, with coil and guide rails mounted between opening jambs.
3. Counter door mounting: Between wall on face of lintel mount, with coil mounted on face of lintel, and guide rails mounted between walls.
4. Counter door mounting: Between wall without lintel mount, with coil and guide rails mounted between walls
5. Counter door mounting: Outside mount, with coil mounted on face of wall, and guide rails mounted on face of wall at jambs.

Delete all but one of the following three sentences. Crank or motor operators are available for large openings. Specify handling requirements for mechanical or electrical operator.

6. Counter door operation: Manual push-up.
7. Counter door operation: Manual crank operator, crank socket on \_\_\_\_\_-hand side of counter door as viewed from coil side.

8. Counter door operation: Electric motor operator on \_\_\_\_\_-hand side of counter door as viewed from coil side.
9. Opening size: Indicated on drawings.

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.

Delete all but one of the following three paragraphs:

- First paragraph is for counter door with motor operator.
- Second paragraph is for counter door with crank operator.
- Third paragraph is for push-up operated counter door.

- 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.

Delete one of the following two paragraphs:

- First paragraph is for counter door with motor operator.
- Second paragraph is for counter door with crank operator or push-up operated counter door.

- 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.

Delete the following paragraph if specifying custom species.

- G. Selection Samples: Two sets of wood species samples, representing manufacturer's full range of available species selection.

Delete one of the two following paragraphs; second paragraph is for factory-finished assembly.

- 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; Voice 503-357-7181, FAX 503-357-7185.

Delete one of the two following paragraphs; coordinate with Division 01 requirements.

- 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.
    2. 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.

Delete the following paragraph if not required.

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

Delete the following two paragraphs if not required.

- D. Operator: Tubular electric motor operator, 110VAC 60Hz power requirement.
- E. Operating Switch: Specified in Section 16050.

Retain the following paragraph if specifying crank or motor operation and inside or mixed mounting.

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

Edit the following three paragraphs for latching requirements. Delete all three paragraphs if specifying electric operation.

- 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.

Delete one of the following paragraphs; first paragraph applies if manufacturer supplies cylinders for locksets, second applies if cylinders for entire project are specified in Section 08710.

- 2. Supply two (2) keys for each lock.
- 3. Cylinders for keylocks are specified in Section 08710.

Retain one or both of the following paragraphs if coil will be sight-exposed in the finished work.

- 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.

Delete all but one of the following three paragraphs.

Woodfold specializes in the factory finishing of components, using only environmentally safe finishing materials; factory finishing eliminates problems associated with handling of unfinished hardwood surfaces, and with time delays associated with site finishing.

If specifying custom finish in third paragraph, consult with manufacturer of counter door and manufacturer of finish material to specify finishing technique correctly.

- B. Application of final finish is specified in Section 09900.
- C. Apply clear water reducible acrylic lacquer 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.

Delete the following paragraph if electric operator is not specified.

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

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