

SECTION 08330
 ROLLING DOORS
 600 Series Service Doors

- PART 1 - GENERAL**
- 1.01 RELATED DOCUMENTS
- A. All of the Contract Documents, including General and Supplementary Conditions, and Division 1 General Requirements, apply to the work of this Section.
- 1.02 SUMMARY
- A. The work of this Section includes rolling doors.
- B. Related Sections: Other specification sections which directly relate to the work of this Section include, but are not limited to, the following:
1. Section 08710 - Finish Hardware; key cylinders for locks.
 2. Section 16100 - Electrical; wiring.
- 1.03 SUBMITTALS
- A. Product Data: Submit manufacturer's product data and installation instructions for each type of rolling door. Include both published data and any specific data prepared for this project.
- B. Shop Drawings: Submit shop drawings for approval prior to fabrication. Include detailed plans, elevations, details of framing members, required clearances, anchors, and accessories. Include relationship with adjacent materials.
- 1.04 QUALITY ASSURANCE
- A. Manufacturer: Rolling doors shall be manufactured by a firm with a minimum of five years experience in the fabrication and installation of rolling doors. Manufacturers proposed for use, which are not named in these specifications, shall submit evidence of ability to meet performance and fabrication requirements specified, and include a list of five projects of similar design and complexity completed within the past five years.
- B. Installer: Installation of rolling doors shall be performed by an authorized representative of the manufacturer.
- C. Single-Source Responsibility: Provide doors, guides, motors, and related primary components from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.
- D. Pre-Installation Conference: Schedule and convene a pre-installation conference just prior to commencement of field operations, to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.
- 1.05 DELIVERY, STORAGE, AND HANDLING
- A. Deliver materials and products in labeled protective packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage from weather, excessive temperatures and construction operations.

- PART 2 - PRODUCTS**
- 2.01 ACCEPTABLE MANUFACTURER
- A. Provide rolling doors by Overhead Door Corporation, Pennsylvania Division; Telephone 800-929-2553 or 717-248-0131; Fax 800-929-1274.
- 2.02 ROLLING DOORS
- A. Trade Reference: 600 Series Coil-Away® Service Doors by Overhead Door Corporation.

Options are in parentheses.

- B. Curtain: Interlocking roll-formed galvanized steel slats, flat crown profile type CAW, 26 gauge for widths up to 12'4", 24 gauge for widths up to 14'4". End of each slat shall be locked from lateral movement by a staking lock system. (Galvanized steel end locks.)
- C. Finish: Curtain slats (and hood) shall be galvanized in accordance with ASTM A 653 and receive rust-inhibitive, roll coating process, including 0.2 mils thick baked-on prime paint, and 0.6 mils thick baked-on polyester top coat. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer.
- D. Color: Standard polyester top coat. (White/White) (Brown/White)
- E. Weatherseals: Vinyl bottom seal.
- F. Bottom Bar: Extruded aluminum.
- G. Guides: Roll-formed galvanized steel shapes attached to continuous galvanized steel wall angle.
- H. Brackets: Galvanized steel to support counterbalance and curtain.
- I. Counterbalance: Helical torsion spring type. Counterbalance shall be housed in a steel tube or pipe barrel, supporting the curtain with deflection limited to 0.03" per foot of span. Spring tension shall be adjustable.
- J. Hood: Not Required. (Required.)(24 gauge galvanized steel with intermediate supports as required.)
- K. Manual Operation: Manual push up (chain hoist) for doors up to 100 sq.ft. Chain hoist for doors over 100 sq.ft.
- L. Electric Motor Operation: (Provide UL listed electric operator, size as recommended by manufacturer to move door in either direction at not less than 2/3 foot nor more than 1 foot per second.)
 - 1. Sensing Edge Protection: (N/A)
 - 2. Operator Controls: Push-button (Key)(Push-button and key) operated control stations with open, close, and stop buttons for surface (flush) mounting, for interior (exterior) (both interior and exterior) location.
 - 3. Special Operation: (Vehicle detector operation, radio control operation, card reader control, photocell operation, door timer operation, commercial light package, explosion and dust ignition proof control wiring.)
- M. Locking: Interior bottom bar slide bolt. Exterior slide lock for manually operated mini-warehouse doors. Chain keeper locks for chain hoist operation. (Interior slide bolt lock for electric operation with interlock switch.)(Cylinder lock for electric operation with interlock switch.)
- N. Wall Mounting Condition: Face-of-wall.

PART 3 - EXECUTION 3.01 PREPARATION

- A. Take field dimensions and examine conditions of substrates, supports, and other conditions under which this work is to be performed. Do not proceed with work until unsatisfactory conditions are corrected.

3.02 INSTALLATION

- A. Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and allow for maintenance.
- B. Instruct Owner's personnel in proper operating procedures and maintenance schedule.3.03 ADJUSTING AND CLEANING

- A. Test rolling doors for proper operation and adjust as necessary to provide proper operation without binding or distortion.
- B. Touch-up damaged coatings and finishes and repair minor damage. Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer of material or product being cleaned.

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