

SPECIFICATIONS - DETAILED PROVISIONS
Section 08365 - Rolling Service Doors - Chain Operated

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SECTION 08365
ROLLING SERVICE DOORS - CHAIN OPERATED

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Requirements specified in Conditions of Contract and in Division 1 form a part of this Section. Provide rolling service door work, complete as indicated, specified and required.

1. Work Included in This Section:

a) Principal Items are:

(i) Rolling steel service doors.

B. Related Work Not Included in This Section:

1. Prepared openings and installation of embedded anchorages.

2. Finish painting.

1.02 SUBMITTALS

A. Shop Drawings and Erection Diagrams:

1. Prior to fabrication or delivery, submit in accordance with Section 01300: materials, finish characteristics, construction, and fabrication details, layout and erection diagrams, and methods of anchorage to building construction.

1.03 REFERENCES

A. International Conference of Building Officials (ICBO)

1. Uniform Building Code (UBC) latest edition.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. One of the following or equal:

1. The Cookson Company, model "Cookson Rolling Service Door".
2. Wayne-Dalton Corp., Kinnear Division, model "Extr-Tite".

2.02 ROLLING STEEL SERVICE DOOR

A. Face-of-wall mounted and manual operated.

1. Curtain:

- a) Slates: Minimum 20 gauge galvanized steel manufacturer's standard, interlocking flat-faced slats with ends of alternate slats fitted with metal end locks to hold curtain in alignment.
- b) Bottom Bar: Fitted with 2 equal sized steel angles minimum 1/8 inch thick, with lift handle and slide lock bolt at either end.
- c) Weatherstripping:
 - (i) Bottom Bar: Manufacturer's standard vinyl loop-type weatherstripping.
 - (ii) Door Jambs: Manufacturer's standard vinyl extrusion seals, manufacturer's standard.
 - (iii) Hood: Manufacturer's standard vinyl air baffle.

2. Guides: Formed of roll formed steel channels and angles or structural angles of sufficient depth to provide a groove of adequate depth on each jamb to hold curtain firmly in guides under design wind pressure.

3. Brackets: Steel plate with permanently sealed ball bearings designed to enclose ends of coil and provide support for counterbalance pipe at each end.

4. Barrel and Counterbalance Mechanism: Steel pipe of sufficient size to carry door load with maximum deflection of 0.03 inch per foot of opening width and counterbalanced by helical springs, oil tempered torsion type designed with minimum safety factor of 1.25 percent, and having cast iron barrel plugs that anchor springs to tension shaft and pipe.

5. Hood: Fabricated minimum 24 gauge galvanized steel, designed to enclose curtain coil and counterbalance mechanism.
6. Chain Operation: Provide direct drive type galvanized chain operation for ease of opening and closing installed door assembly with maximum of 30 pounds of effort and equipped with safety chain clip.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install work of this Section by authorized representative of manufacturer and in accordance with manufacturer's printed recommendations and reviewed shop drawings. Cooperate fully with work of other trades. Provide completed installation secure and operating freely without bind or stoppage.

3.02 TESTING AND ADJUSTMENTS

- A. After installation is completed, manufacturer or authorized installer shall perform a complete operating test in the presence of the DISTRICT staff. Correct all defects disclosed in the testing and make all necessary final adjustments of the door and operating equipment and delivery of the installation in an acceptable operable condition.

3.03 GUARANTEE

- A. All work shall be guaranteed for a period of 1 year from date of acceptance by DISTRICT.

END OF SECTION 08365

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