



SECTION 08 33 23.03 – OVERHEAD COILING DOORS

PART 1 GENERAL

1.1 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
 - 1. Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder] installer, and related trades.
 - 2. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

1.2 SUBMITTALS

- A. Action Submittals:
 - 1. Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.
 - 2. Product Data: Manufacturer's descriptive data and product attributes.
 - 3. Samples: [Selection samples.] [Verification samples.]
- B. Closeout Submittals:
 - 1. Operation and Maintenance Data.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [2] [] years' experience in work of this Section.
- B. Fire Door Assembly: UL labeled, [45 minute rated.] [90 minute rated.] [3 hour rated.] [4 hour rated.] [rating as scheduled.]

1.4 SYSTEM DESCRIPTION

- A. Design Requirements: Positive and negative design wind loads in accordance with [ASCE 7.] [Building Code.] [____.]
- B. Operation:
 - 1. Normal: [Chain hoist.] [Electric operator.]
 - 2. Emergency: Automatically closing, released by [165 degree F fusible link.] [smoke detector.] [central alarm system.]
- C. [Floor level release and reset handle.] [Key test station.] Tools or ladders not required to drop test or reset.

1.5 WARRANTY

- A. Manufacturer's 2 year warranty against defects in materials and workmanship.
- B. Manufacturer's 40 year warranty for coating film integrity and 35 year warranty against chalking and fading of coating.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on Series 500 by ASTA America, www.astaamerica.com.
- B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Galvanized Steel: ASTM A653/A653M, Structural Quality, G90 coating class.

2.3 COMPONENTS

- A. Curtain:
 - 1. Material: [18] [20] [22] gage galvanized steel.
 - 2. Slat profile: Flat.
 - 3. Endlocks: Ends of alternate slats fitted with endlocks.
 - 4. Bottom bar: Galvanized steel, double angle, with weatherseal
 - 5. Vision panels: 5 x ¾ inch cut outs spaced approximately 3 inches apart, covered with clear Lexan.
 - 6. Locking: Chain lock.
- B. Hood:
 - 1. 24 gage galvanized steel, with closed ends.
 - 2. 8 inch wide PVC rubber baffle riveted to inside of hood.
- C. Guides:
 - 1. 12 gage roll formed galvanized steel.
 - 2. Weather seal: [Single piece vinyl weather seal attached to door guide on non-coil side.] [Brush seal with retainer.]
- D. Barrel Assembly:
 - 1. Barrel: Steel pipe, size and wall thickness to limit deflection to 0.03 inch per foot of width,
 - 2. Springs: Oil tempered, helical torsion springs, [25,000] [50,000] [100,000] cycle life, mounted on steel inner shaft
 - 3. End bearings: Self-lubricating ball bearings.
- E. Support Brackets: Steel.
- F. Operator: [Manaras Model OGH-6112.] [LiftMaster Model MH.] [LiftMaster Model H.] [LiftMaster Model GH.]

2.4 FINISHES

- A. Galvanized Steel: [Prime painted.] [Powder coated, [____] color [to be selected from manufacturer's full color range].

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved Shop Drawings.

END OF SECTION