

Richard-Wilcox – Rolltite R800

SECTION 08 33 26 – OVERHEAD COILING GRILLES

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.

1.4 SYSTEM DESCRIPTION

- A. Operation: [Manual, push up.] [Crank.] [Chain hoist.] [Electric.]

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 800 by Richards-Wilcox, www.rwdoors.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. Grille:
 - 1. Type: [Solid aluminum.] [Perforated aluminum.] [Straight grille pattern.] [Brick pattern.] [Polycarbonate panels.]
 - 2. Construction:

- a. 5/16 inch diameter aluminum rods spaced 1-3/4 inches on center vertically.
 - b. 1/8 inch x 5/8 inch x 4-1/4 inch aluminum horizontal links spaced 9 inches on center, covered by 1/2 inch aluminum spacer tubes on every other rod.
 - c. End links: Aluminum.
3. Bottom bar: Tubular aluminum.
 4. Locking: [Slide bolts, with padlock provisions.] [Keyed cylinder locks. Key locks [alike.] [differently.] [as directed by Owner.] Furnish [2] [] keys per lock.] [Chain lock.]
- B. Hood: 24 gage aluminum, with closed ends.
- C. Guides: Aluminum.
- 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, 20,000 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. Aluminum: [Clear anodized.] [Black anodized.] [Dark bronze anodized.] [Light bronze anodized.] [Champagne anodized.]

PART 3 EXECUTION

3.1 INSTALLATION

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

END OF SECTION