

# ***APPENDIX B***

SECTION 08330ROLL UP DOORSPART 1 - GENERAL1.1 SECTION INCLUDES

- A. Roll Up Doors

1.2 REFERENCES

- A. ASTM B 117 - Standard Test Method of Salt Spray (Fog) Testing.
- B. ASTM D 714 - Standard Test Method for Evaluating Degree of Blistering of Paints.
- C. ASTM D 1654 - Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.
- D. ASTM D 2794 - Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
- E. ASTM D 4541 - Method for Pull-Offs Strength of Coatings Using Portable Adhesion - Testers.
- F. ASTM E 96 - Test Methods for Water Vapor Transmission of Materials.
- G. ASTM E 119 - Fire Tests of Building Construction and Materials.

1.3 SUBMITTALS

- A. Submit product data under provision of Section 01340.
- B. Submit large scale details of all items furnished hereunder, and details of installation to the surrounding conditions.
- C. Submit manufactures specification and installation instructions.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver fabricated assemblies as job progress requires in the largest sections permitted, properly labeled for field erection.
- B. Store in original packaging on site under protective coverings and out of the way of normal construction activities. Provide special storage in accordance with the manufacturer's instructions and recommendations.
- C. Handle fabricated assemblies to prevent damage of any nature.

PART 2 - PRODUCTS2.1 MANUFACTURERS

- A. Roll Up Doors
  - 1. Overhead Door Corporation
  - 2. The Cookson Company
  - 3. Cornell Iron Works, Inc.
  - 4. Or equal

2.2 ROLL UP DOORS

- A. Door Curtain shall consist of 22-gauge galvanized steel flat faced slats with end locks. Reinforced bottom bar with integral loop weather seal. Every other slat shall be a perforated slat with approximately 6.5 square inches of net free area per lineal foot of slat.
- B. Provide windlocks where required to meet the loadings indicated on the Drawings.
- C. Hood: Hood shall be 24-gauge galvanized steel, with internal hood baffle weatherseal.
- D. Guide Assembly: Guide assembly shall be galvanized structural steel angles or aluminum at stainless steel doors. Guides shall have full height weather-stripping.
- E. Barrel and Counter Balance Assembly: Assembly supporting the curtain assembly shall have a maximum deflection of 0.03 inch per foot of opening width. Brackets shall be of steel plate and support the hood, barrel and counter-balance on ball bearing.
- F. Door shall be designed for 20,000 cycles Perimeter Seals:
  - 1. Vinyl in aluminum extrusions fitting behind track mounting to provide positive seal at jambs. Weather-stripping shall be provided of both the interior and exterior of the jambs.
  - 2. Lintel weather seal shall be an aluminum retainer with continuous polypropylene brushes to provide a positive seal between the vertical jamb supports and head of opening.
- H. Design Load: Curtain design to withstand a minimum of 50psf.
- I. Operation shall be by chain hoist.

2.3 FASTENERS

- A. As recommended by manufacturer.

2.4 FINISHES

- A. Galvanized with a two-part factory applied powder coating system. Color selected by the Engineer. A minimum of 32 colors for color selection.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Perform installation of door, track, hardware, and related items in strict accordance with the approved Shop Drawings and the manufacturer's installation instructions.

3.2 ADJUSTMENTS

- A. Test operation and make all adjustments necessary to assure a smooth traverse of the door.

END OF SECTION