

SECTION 08331 - OVERHEAD COILING DOORS

A. SUMMARY

1. Overhead Coiling Doors:
 - a. Service doors.
 - b. Insulated service doors.
 - c. Counter doors.
 - d. Fire-rated service doors.
 - e. Fire-rated counter doors.

B. QUALITY ASSURANCE

1. Performance Requirements:
 - a. Wind Load: 20 lbf/sq. ft. (960 Pa). **<Replace load with another value if required by Project.>**
 - b. Cycles: Designed for not less than **[10,000] [20,000]** cycles.
2. Fire-Rated Door Assembly Standard: NFPA 80.

C. MATERIALS

1. Door Curtain: **[Steel] [Stainless steel] [Aluminum] [with windows]**.
2. Polystyrene or polyurethane-foam insulation with **[steel] [stainless steel] [aluminum]** inside curtain face.
3. Seals: **[Smoke] [Weather]**.
4. Integral frame for counter doors.
5. Fire-rated counter.
6. Automatic Closing Device: Activated by **[fusible link] [smoke detector] [heat detector] [building fire alarm and detection system]**.
7. Counterbalancing mechanism **[concealed in soffit] [enclosed in hood]**.
8. Finishes:
 - a. Aluminum: **[Mill] [Clear anodic] [Powder-coat-applied]** finish.
 - b. Steel and Galvanized Steel: **[Factory primer for field] [Thermoset] [Powder-coat-applied]** finish.
 - c. Stainless Steel: **[Bright, unpolished] [Bright, directional]**.

9. Manual Door Operators: [**Push up**] [**Chain hoist**] [**Crank hoist**].
10. Electric motor operation: [**Remote-control station**] [**Obstruction detection device**] [**Radio control**].

END OF SECTION 08331