

## SECTION 08 33 36 - SIDE SLIDING GRILLES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes:
  - 1. Manually operated folding side sliding grilles.
- B. Refer to Division 05 Section "Metal Fabrications" for Contractor provided miscellaneous steel framing and supports to support folding side sliding grilles.

#### 1.2 SUBMITTALS

- A. Product Data: For each type and size of side sliding grille and accessory.
- B. Shop Drawings: Including plans, elevations, sections, details, and attachment to other work.

#### 1.3 WARRANTY

- A. Warranty information for manually operated side sliding grilles is specified in Division 01 Section "Product Warranties."

### PART 2 - PRODUCTS

#### 2.1 FOLDING SIDE SLIDING GRILLES

- A. Basis-of-Design Products:
  - 1. Advanced Door Technologies, Inc.; Alumigard 850 Series.
    - a. Contact: kroger@adtdoor.com, (570) 421-5929.
  - 2. MobilFlex, Inc.; System S-126.
    - a. Contact: flexUSA@mobilflex.com, (800) 216-3539.
- B. Materials
  - 1. Aluminum Extrusions: ASTM B221, 6063-T5 or T6 alloy and temper.
- C. Components
  - 1. Rod Link Curtain:

- a. Nominal 6 inch (152 mm) wide with minimum 4 inch (102 mm) high bottom and top plates, truss-like aluminum.
  - b. Panels connected with nominal 1/8 inch (3 mm) by 5/8 inch (16 mm) by minimum 6 inch (152 mm) flat aluminum bar links vertically spaced 12 inch (305 mm) apart with 1/2 inch (13 mm) inch aluminum tubes on 5/16 inch (8 mm) diameter aluminum rods spaced horizontally a minimum of 2-5/8 inch (67 mm) apart.
  - c. Pattern: Straight.
2. Curtain Carriers: Dual bearing trolleys with manufacturer's standard diameter tires.
  3. Operation: Manual push/pull. Provide pull straps.
  4. Overhead Track: Extruded aluminum, minimum 1-5/16 inch (33 mm) wide by 1-9/16 inch (44 mm) high, continuous profile seamed with alignment bars and track pins at splices. Refer to drawing for layout
  5. Curves: As indicated on Drawings.
  6. Wall Channel: Manufacturer's standard floor to track extruded aluminum channel permanently attached to wall.
  7. Posts: Allow for horizontal sway without pressure to side walls of track from trollies while opening and closing the curtain. Refer to Shop Drawings for post type and placement.
- a. Leading (Locking) Post: Manufacturer's standard extruded aluminum, with hook bolt that secures post to wall channel.
    - 1) Provide cylinder on public side of grille.
  - b. Intermediate Post(s): Manufacturer's standard extruded aluminum, containing a spring-loaded stainless steel lock rod that engages in overhead track and dustproof floor strike, locked/unlocked by a keyed cylinder.
    - 1) Spacing: Maximum 10 feet (3048 mm). Provide closer spacing at curves as indicated on Shop Drawings.
  - c. Trailing Post: Manufacturer's standard extruded aluminum, containing a spring-loaded stainless steel lock rod that engages in overhead track and dustproof floor strike, locked/unlocked by a keyed cylinder.
  - d. Post Hardware:
    - 1) Standard locking hardware to be flush within post.
    - 2) Lock Cylinder: On public side of grille.
      - a) Basis-of-Design: Best Access Systems; Stanley Security Solutions, Inc. or as noted on approved Shop Drawings.
    - 3) Keying: As specified in Division 08 Section "Door Hardware."

#### D. FINISHES

1. Aluminum: Anodized, clear.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Verify that openings for side sliding grilles have been properly constructed as detailed per Kroger Standard Details ASD-49 and ASD-50.

### 3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install folding side-sliding grilles complete with necessary hardware, anchors, inserts, hangers, and equipment supports, according to manufacturer's written instructions and as specified.
  - 1. Install folding side-sliding grilles per Kroger Standard Details ASD-49 and ASD-50.
- C. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.
- D. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.
- E. Adjust hardware and moving parts to function smoothly, so that grilles operate easily, free of warp, twist, or distortion. Lubricate bearings and sliding parts as recommended by manufacturer.

### 3.3 DEMONSTRATION

- A. Engage installation technician to train Owner's personnel to operate folding side-sliding grilles.

END OF SECTION 08 33 36

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