

SECTION 08350 SLIDING GRILLE SPECIFICATION

DYNAFLAIR FOLDING SECURITY CLOSURE SYSTEM

ELEGANCE-LP “Lexan Panel”

1.01 PART ONE- SUMMARY:

A. **Work Included:** Furnishing and installing factory fabricated and finished folding security closure system(s).

1. Aluminum overhead side sliding security grilles.
2. Related sections; Section 08332: Coiling grilles.

B. SUBMITTALS

1. Submit manufacturer’s product data, specifications, installation instructions, shop drawings
2. With layout, fabrication and installation details; and samples, including finish.

C. QUALITY ASSURANCE

1. Provide components from a single manufacturer with resources to provide consistent quality in appearance. Field measure before fabrication. Use manufacturer approved installers.

2.01 PART TWO- PRODUCTS

B. MANUFACTURERS:

- a. In the United States: Dynaflair
8147 Eagle Palm Drive
Riverview, Florida 33569
1-888-624-2686
Local: 813-248-0900
Fax: 813-247-3502
www.dynaflair.com
- b. In Canada: Dynaflair
100 Voyageur Street
Pointe-Claire, Quebec H9R 6A8
1-800-840-3962
Local: 514-695-2921
Fax: 514-694-6886
www.dynaflair.com

2.02 CURTAIN SPECIFICATIONS:

Curtain Design: **Elegance Family**

1. **Frame Design:**

Constructed of 5-13/16" wide sections each section is suspended from roller assemblies by full height, cold rolled steel shafts. Each section is fabricated of 5" wide inside frame x 4" hanger spaced every other panel and connected by T-hinges with 5/16" diameter rods between frames.

2. **Elegance LP "Lexan Panel ":**

Constructed of 4 5/8" wide x 1/16" thick clear polycarbonate panel of various heights from 30" to 84" intervals for maximum visibility and strength.

2.03 SLIDING GRILLES COMPONENTS SPECIFICATIONS:

1. Track: The overhead track is to be of extruded aluminum 1 5/16" wide x 1 9/16" high. Standard radius curves, were indicated, are to be 14" radius. In situations where space is tight we also offer 10" radii. Custom radius curves will be made for special applications. Consult manufacturer for pricing and lead times.
2. Locking: [Insert applicable posts including:].
 - a. Lead locking post equipped with 1-point deadlock operable from both sides. Lead post will engage a full height wall jamb.
 - b. Dynapost© - Lead top and bottom locking post equipped with concealed locking devices operable from both sides engaging 7/16" steel pins into a dust proof floor socket and hole in top track. Steel pins automatically retract into locking post when activated by key.
 - c. Intermediate locking post equipped with concealed locking devices operable from one side only engaging a 7/16" steel pin into a dust proof floor socket, automatically retracting with key. Intermediate locking posts are to be located at all curves or at intervals that do not exceed 10'-0".
 - d. Bi-Part locking assembly equipped with 1-point deadlock operable from both sides engages into striker post. Striker post equipped with spring loaded aluminum knob which engages a 7/16" steel pin into a dust proof floor socket.

- e. Floating end post to be self locking at top and bottom inside the storage pocket.
 - f. Fixed end post to be permanently fastened to wall.
3. Cylinders: Applicable locking posts to be equipped with standard 1” mortise cylinders. All cylinders per grille are to be keyed alike.
 4. Egress Doors: (if applicable) Supply 3’-0” x 6’-8” glazed exit door built into curtain at location shown on manufacturer’s layout drawing. For emergency use only. Equipped with 1” mortise thumb turn actuator on inside only. Regional codes will determine if required.
 5. Aluminum Extrusion Finish: Standard anodized finish shall be clear natural anodized (AA-M12-C22-A23 clear). Special anodized and painted finishes are available upon request.
 6. Aluminum Extrusion Material: 6063-T5

PART THREE EXECUTION

3.01 INSPECTION:

1. Verify that the folding security closure system will not disrupt other trades. The door installer shall verify that the installation area is dry, clean, and free of foreign matter. Check as-build conditions and verify the opening dimensions prior to installation. Report in writing any conditions detrimental to the proper functioning of the folding security closure system. The installation shall proceed once any unsatisfactory conditions have been corrected in accordance to the manufacturer’s recommendations.

3.02 INSTALLATION OF FOLDING SECURITY CLOSURE SYSTEM:

1. Installation shall be by an installer approved and trained by the manufacturer in strict accordance with installation guide.
2. Explain and review the correct locking, operation and maintenance of the folding security closure system.

END OF SECTION 08350

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.