Manufacturers Proprietary Specification

SPECIFIER NOTE: This specification should be reviewed by Dynamic Closures as listed in Section 2 .1 below prior to using for construction purposes.

SECTION: 10 22 23
PORTABLE PARTITIONS

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Manual folding partitions

B. Related Sections:
   1. 083516 Folding grilles.
   2. 084313 Aluminum framed storefronts

1.2 REFERENCES

A. ASTM International (ASTM) B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.

1.3 SUBMITTALS

A. Submittals for Review:
   1. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
   2. Product Data: Provide information on door construction, components, materials, and finishes.

B. Sustainable Design/LEED Submittals: Documentation of recycled content and location of manufacturer.
   1. LEED, MR Credit 4 – Recycled Content: Provide documentation for cost of products having recycled content indicating percentages by weight of postconsumer plus 1/2 of the preconsumer content.
   2. LEED, MR Credit 5 – Regional Materials: Provide documentation for cost of materials or products that have been extracted, harvested, or recovered and also manufactured within 500 miles of project site.

C. Closeout Submittals:
   1. Operation and Maintenance Data.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications: Minimum of three years experience in the fabrication and installation of Coiling Doors and Grilles.

B. Installer Qualifications: Authorized representative of the manufacturer.

1.5 DELIVERY, STORAGE AND HANDLING

A. Reference Section 01660 Product Storage and Handling Requirements.

B. Deliver materials in labeled protective packages. Store and handle in compliance with manufacturer's instructions.

1.6 WARRANTIES

A. Provide manufacturer’s 1 year warranty against defects in materials and workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Contract Documents are based on products by Dynamic Closures Corporation. (www.dynamicclosures.com) Telephone: 1-800-663-4599; Fax: 1-800-205-6665 E-mail: CustomerService@DynamicClosures.com

B. Equivalent products by the following manufacturers are acceptable:
1. CHI Overhead Doors. (www.chiohd.com)

C. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MATERIALS

A. Aluminum Extrusions: ASTM B221, 6063-T5 or T6 alloy and temper.

2.3 COMPONENTS

A. RF Grille Curtain:
Panel: 3 foot 6 inches (1067 mm) wide by 6 foot 6 inches (1981 mm) high framed with aluminum tube extrusions. Panels shall be filled with an open air grille of 1/8 inch (3 mm) by 5/8 inch (17 mm) by 6 inch (152 mm) aluminum links onto 5/16 inch (8 mm) aluminum rods spaced 12 inches (305 mm) apart by 1/2 inch (13 mm) aluminum tubes. Panels to be connected by powder coat painted metallic grey steel hinges at each corner allowing a maximum pivot angle of 150 degrees for stability. Bottom hinges shall have 2 inch (51mm) non-marring rollers.

B. Pattern: Straight rod link

C. Curtain Height: 6 feet 6 inches (1981 mm).

D. Operation: Manual pull-push operation

E. Locking Posts: Reference drawings.

F. Finish-Exposed Aluminum Parts: [clear] [champagne] [light bronze] [bronze] [black] anodized.
Or

G. Finish-Exposed Aluminum Parts: Powder Coat Paint, colors as selected by Architect.

PART 3 EXECUTION

3.1 INSTALLATION

A. Follow manufacturer installation instructions and approved shop drawings.

3.2 ADJUSTING/MAINTENANCE

A. Test operation of partition and adjust to provide smooth and proper operation.

B. Clean exposed surfaces using manufacturers recommended cleanser.

END OF SECTION