

SECTION 08 12 16 - ALUMINUM DOOR FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes **<Insert description of essential item included in the Section>**.
- B. Related Requirements:
 - 1. Division **<Insert MF04 Division number>** Section "**<Insert MF04 Section title>**" for **<Insert description of related work>**.

1.3 DEFINITIONS (RESERVED)

1.4 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at **[Project site] <Insert location>**.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for **<Insert product>**.
 - 2. Include rated capacities, operating characteristics, **[electrical characteristics,]** and furnished specialties and accessories.
- B. Shop Drawings:
 - 1. Include plans, elevations, sections, and **[mounting] [attachment]** details.
 - 2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 - 3. Detail fabrication and assembly of **<Insert portion of Work>**.
 - 4. Include diagrams for power, signal, and control wiring.
- C. Samples: For each exposed product and for each color and texture specified, **<Insert dimensions>** in size.

- D. Samples for Initial Selection: For **[each type of unit.] [each type of exposed finish] [units with factory-applied finishes]**.
- E. Samples for Verification: For **[each type of unit.] [each type of exposed finish.] [the following products, in manufacturer's standard sizes:]**
 - 1. **<Insert list of products>**.
- F. Product Schedule: For **<Insert product>.[Use same designations indicated on Drawings.]**
- G. Delegated-Design Submittal: For **<Insert product or assembly>**.

1.6 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: **<Insert description of drawing type> [and other details]**, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:
 - 1. **<Insert requirements>**.
- B. Qualification Data: For **[Installer] [Applicator] [manufacturer] [fabricator] [testing agency] [factory-authorized service representative] <Insert entity or specialist>**.
- C. **[Material] [Product] Certificates:** For each type of **<Insert material or product>**.
 - 1. **<Insert list of materials or products>**.
- D. Material Test Reports: For each **<Insert material>**, by a qualified testing agency.
- E. Product Test Reports: For each **<Insert product>**, for tests performed by **[manufacturer and witnessed by a qualified testing agency] [a qualified testing agency]**.
- F. Evaluation Reports: For **<Insert products, assemblies, or systems>**, from ICC-ES.
- G. Source quality-control reports.
- H. Field quality-control reports.
- I. Sample Warranty: For **[manufacturer's] [special] warranty**.

1.7 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For **<Insert products or materials>** to include in maintenance manuals.

1.8 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials[, **from the same product run,**] that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. **<Insert product>**: [Full-size units] **<Insert detailed description of material and form making up a unit>** equal to **<Insert number>** percent of quantity installed [for each size indicated], but no fewer than **<Insert number>** units.

1.9 QUALITY ASSURANCE

- A. Manufacturer Qualifications: **<Insert Section-related qualifications>**.
- B. Fabricator Qualifications: **<Insert Section-related qualifications>**.
- C. Installer Qualifications: Fabricator of products.
- D. Installer Qualifications: **[An entity that employs installers and supervisors who are trained and approved by manufacturer] [An authorized representative who is trained and approved by manufacturer]**.

1.10 DELIVERY, STORAGE, AND HANDLING (RESERVED)

1.11 FIELD CONDITIONS (RESERVED)

1.12 WARRANTY

- A. **[Manufacturer's] [Special] Warranty: [Manufacturer agrees] [Installer agrees] [Manufacturer and Installer agree]** to repair or replace [components of] **<Insert product>** that fail(s) in materials or workmanship within specified warranty period.
 - 1. Warranty Period: **<Insert number>** year(s) from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Classic Frame System, by RACO Interior Products, Inc., or comparable product by one of the following:
 - 1. Modulex, A Division of Pacific National Group, www.modulexinc.com.
 - 2. Western Integrated Materials, Inc., www.western-integrated.com..

2.2 MATERIALS (RESERVED)

2.3 COMPONENTS (RESERVED)

2.4 ACCESSORIES (RESERVED)

2.5 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Finish products after assembly.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine **[substrates] [areas] [and] [conditions]**, **[, with Installer present,] [, with Applicator present,]** for compliance with requirements for **[maximum moisture content,]** installation tolerances **[and] <Insert other specific conditions>** and other conditions affecting performance of the Work.
- B. Examine **<Insert products or materials>** before installation. Reject **<Insert products or materials>** that are wet, moisture damaged, or mold damaged.
- C. Examine roughing-in for **<Insert system name>** piping to verify actual locations of piping connections before **[equipment] [fixture]** installation.
- D. Examine walls, floors, roofs, and **<Insert description>** for suitable conditions where **<Insert product or system>** will be installed.
- E. **[Prepare written report, endorsed by Installer, listing conditions detrimental to performance.]**
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

3.3 ADJUSTING

- A. Adjust **[hardware] [moving parts] [Insert operable component]** to function smoothly, and lubricate as recommended by manufacturer.
- B. Occupancy Adjustments: When requested within **[12] <Insert number>** months from date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied

conditions. Provide up to [**two**] <Insert number> visits to Project during other-than-normal occupancy hours for this purpose.

3.4 DEMONSTRATION

- A. [**Engage a factory-authorized service representative to train**] [**Train**] Owner's maintenance personnel to adjust, operate, and maintain units.

END OF SECTION 08 12 16