

SPECIFICATIONS**PART 1- GENERAL****1.01 SUMMARY**

- A. Section Includes:
 - 1. Aluminum frames for wood doors and glazed openings.
 - 2. Preparation of frames for door hardware.
- B. Related Work:
 - 1. 08200 Wood Doors.
 - 2. 08800 Glass and Glazing.

1.02 SUBMITTALS

- A. Shop Drawings: Indicate pertinent dimensioning, general construction, component connections and locations, anchor methods and locations, installation details.
- B. Samples:
 - 1. Submit samples of color and finish on aluminum frame material; minimum 12 inches long.
 - 2. Submit corner of frame, indicating fit, finish and tolerance of frame corner joint.

1.03 QUALITY INSURANCE

- A. Reference specifications and standards: Comply with manufacturer's recommendations and the following unless otherwise specified in this Section. In case of conflict, comply with the most stringent.
 - 1. NAAMM – Metal Finishes Manual, National Association of Architectural Metal Manufacturers.
 - 2. ASTM B221 – Specification for Aluminum and Aluminum – Alloy Extruded Bars, Rods, Wires, Shapes and Tubes.
 - 3. ASTM B244 – Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals With Eddy-Current Instruments.
 - 4. NFPA 80 – Fire doors and windows.
 - 5. NFPA 252 – Fire Test for Doors Assemblies.
 - 6. UBC Standard 7 – 2 – Fire Test of Doors Assemblies: Positive pressure testing.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in manufacturer's packaging complete with installation instructions.

1.05 WARRANTY

- A. The work hereunder shall be warranted for a period of not less than one year against defects in material and workmanship.

1.06 APPROVED MANUFACTURERS

- A. Omega Door Frame Products Inc.
1222 Ardmore Ave.
Itasca, IL 60143
Phone: (630) 773-9900
Fax: (800) 932-9224

SPECIFICATIONS CONT.**PART 2 - PRODUCTS**

2.01 GENERAL

- A. Comply with the requirements of the referenced standards.

2.02 MATERIALS

- A. Frames shall be constructed of extruded aluminum alloy 6063-T5
- B. Frames shall accommodate 3-1/2", 3-3/4", 4-7/8", 5-1/4" & 7-1/4" prefinished walls as specified. Also frames shall be removable or relocatable.
- C. Frames:
 - 1. 0.07 inches nominal thick aluminum consisting of head section, two jamb sections, four corners steel reinforcing plates, 0.125" thick hinge back up plates, aluminum strike plate, and snap-on trim.
 - 2. Provide continuous vinyl door finish to match Architect's choice of white or black.
- D. Finish: Custom color factory or shop finish to match Architect's control sample.

2.03 FABRICATION

- A. Fabricated aluminum frames shall allow for clearances around perimeter.
- B. Provide anchorage devices to fit and secure frames in place.
- C. Provide required internal paint on concealed aluminum surfaces to be in contact with cementations or dissimilar materials.

PART3 – EXECUTION

3.01 EXAMINATION

- A. Verify that opening sizes and tolerances are acceptable.

3.02 INSTALLATION

- A. Comply with the requirements of the referenced standards.
- B. Accurately assemble joints and corners. Match components, ensuring continuity of line and design. Ensure joints and connections are flush and hairline.
- C. Use sufficient anchorage devices to securely and rigidly fasten frame assemblies in place.
- D. Install plumb, level and free from damage, flaws, blemishes or other defects detrimental to appearance; have joints in proper position and alignment and be uniform in plane, color and finish.

3.03 ERECTION TOLERANCES

- A. Maximum diagonal distortion: 1/8 inch measured with straight edges, crossed corner to corner.

END OF SECTION