

PART I - GENERAL

1.01 GENERAL

The Drawings, Instructions to Bidders, Form of Proposal, General Conditions, Supplementary General Conditions, and Division 1 are included herein and govern work under this section.

1.02 SCOPE OF WORK

- A. Furnish labor and materials required for the installation of aluminum entrances shown on the drawings and specified herein.
- B. Glass and Glazing - Section 08 81 00.

1.03 SUBMITTALS

- A. Submit shop drawings and product data in accordance with General Conditions
- B. Sample of aluminum finish.

1.04 MANUFACTURER

This specification is based on products manufactured by Kawneer Company. A manufacturer considered equal to Kawneer is Vistawall.

PART II - PRODUCTS

2.01 GENERAL

- A. Doors and frames to be fabricated of aluminum extrusions AA-6063-T5 aluminum alloy with Finish to be KAWNEER ORSL 61109 Permacoat™ Powder Coatings "CLARET RED".
- B. All finish hardware for doors shall be included. Butt hinges (heavy duty), three (3) butt hinges per door, ½" high aluminum mill finish thresholds, panic devices LCN 4040 super smoothee surface closers, and sealair weatherstripping systems are included in this section. Doors and frames shall be adequately reinforced to receive all hardware.
- C. Aluminum frames shall be Kawneer Trifab 451T (Thermally Broken) at exterior Series or Trifab 450 Series (Non-Thermally Broken) at interior locations
- D. Provide accessory aluminum sheet material to match, where detailed in proximity of frames.

2.02 DOORS

- A. Medium Style - Series 350 (Kawneer) with Adams-Rite MS 1850A deadlock with two (2) 1-5/32 diameter five-pin cylinders (key operated both sides of door). Also provide Kawneer 4 ½" x 4" ball bearing butt hinges (with NRP), ½" high x 4" aluminum mill finish threshold, Falcon 1990 concealed rod exit device (Black) and CO-9 pull, one pair flush bolts (inactive leaf), LCN 4040 surface closer w/o hold-open and complete weathering system in door and frame.

- B. All doors shall have mortised tension rod, mortised and reinforced corner construction
- C. Doors shall be completely and continuously weatherstripped at heads and jambs.
- D. Doors shall have extruded aluminum snap-in glass with vinyl insert for puttyless glazing. Glass color is as specified in Glass and Glazing, Section 08 81 00.

PART III - EXECUTION

3.01 INSTALLATION OF ALUMINUM ENTRANCES

- A. General: Aluminum surfaces in contact with masonry concrete, wood or steel shall be protected from contact by use of neoprene gaskets or a coat of bituminous paint to prevent galvanic or corrosive action. All dimensions, elevations and slopes shall be checked to ensure proper fit and weatherstripping constructions.
- B. Install frame members in accordance with manufacturer's approved shop drawings, and installation instructions. All material is to be accurately cut, fitted and secured in place.
- C. Install sheet aluminum laminated/cemented to rigid substrate as detailed.

3.02 CLEANING

Clean aluminum surfaces after installation exercising care to avoid damage to finish. Remove excess grease and sealant components, dirt and other substances.

-----END OF SECTION-----