

## Part 1 - GENERAL

### Description

Work included: Furnish materials, labour and equipment for the complete installation of aluminum entrance doors, door frames and hardware as detailed on the drawings and specified herein.

Work not included: See Specifier list.

Related work specified elsewhere: See Specifier list

### Quality Assurance

Drawings and specifications for work in this section are based upon DESA \_\_\_\_\_ series doors. (select series type: 100.350.500.100T/B.350T/B.500T/B). Whenever alternative products are to be considered, submit supporting technical literature and samples for review and comparison by Consultant 10 days prior to closing date.

### Performance

Doors to fully comply with applicable standard specifications as typically referenced to the following requirement criteria: Air and water tightness, wind and other load resistance.

### Maintenance and Guarantee

Provide maintenance and cleaning data in accordance with instructions under General Conditions.

Provide a written guarantee from substantial completion for a period of one year on the complete installation of materials and workmanship provided under this section.

## Part 2 - PRODUCTS

### Materials

Extrusions shall be 6063 T6 alloy and temper, formed aluminum components shall be of suitable alloy and strength to suit their purpose and function.

Fasteners shall be made of corrosion-resistant and compatible materials and of sufficient size and strength to perform their intended function.

Glazing gaskets shall be extruded black, santoprene of durometer appropriate to perform their intended function.

Weathering shall be elastomeric or wool pile and of size and density appropriate for their intended function.

### Fabrication

Construct door from extrusions of size and shape as shown on shop drawings, rails and stiles shall be porthole type extrusions.

Corner joinery shall be accurately assembled with mechanical clip fasteners and deep penetration plug and fillet welds.

### Finish

All exposed surfaces shall be free of scratches and defects. Aluminum extrusions shall be finished as selected by Specifier.

Standard Clear Anodizing: AA-M12C22A31

Standard Bronze Anodizing: AA-M12C22A31

Standard Black Anodizing: AA-M12C22A44

Duracron Acrylic Enamel: AAMA 2603

Duranar Fluoropolymer paint: AAMA 2605

Various Bronze Anodizing colours and Paint qualities are available upon request by the Specifier.

### Hardware

Hardware shall be the entrance manufacturers standard unless stated otherwise by the Specifier. If alternative hardware is selected by consultant the required templates and physical hardware must be submitted for assembly and fabrication.

### Installation

Doors shall be installed, glazed and adjusted according to the manufacturers instructions and approved shop drawings.

All items in this section shall be set level, square and plumb and at their correct location and alignment with other work.

