

## Part 1 - GENERAL

### Description

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

Work not included: See Specifier list. Structural support of framing, interior building trims.

Related work specified elsewhere: See Specifier list

### Quality Assurance

Drawings and specifications for work in this section are based upon DESA\_\_\_\_\_ series framing system. (select series type: 175.200.400). 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

Storefront system 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.

Selected framing system shall be:

-175 series 1 3/4" (44.5) and/or 200 series 2" (50.8) for flush glazing, both maintaining their nominal face dimensions with no projecting glass stops except where necessary in door transom lites.

-400 series 1 3/4" (44.5) for stop glazing, additional glass stop dimension of 3/4" (19.0) must be added to nominal face dimension of framing.

### Fabrication

Construct framing from extrusions of size and shape as shown on shop drawings. All framing joints shall be accurately cut and machined and sealed to allow neat watertight connections with all extrusions. Framing systems shall be designed for either shear block or screw spline corner joinery.

### 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

Duracron Fluoropolymer paint: AAMA 2605

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

### Installation

Framing shall be installed, glazed and adjusted accordingly to the manufacturer's 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.

