

1750 SERIES SLIDING DOOR SPECIFICATION

PART 1 - GENERAL

1.1 Work Included

Furnish labour, materials and services for the complete fabrication of Series 1750 Door manufactured by Commdoor Aluminum. Work to include all necessary hardware and accessories or preparation for same as required based on the purchase agreement.

1.2 Design

1.2.1 Aluminum Door Types

Commdoor Series 1750 is a multi-track sliding door with 2" (50.8mm) narrow stiles.

1.2.2 Aluminum Door Rails

Top rail 2-1/4" (57.2mm)

Bottom rail 4-1/8" (104.8mm)

1.2.3 Door Glass Stop [specify]

Single glazed for 1/4" (5 or 6mm) or 3/8" (9 or 10mm) glass.

Sealed unit for 1" (25mm) units.

1.3 Quality Assurance

The door supplied under this specification is based upon Series 1750 manufactured by Commdoor Aluminum.

1.4 Shop Drawings

All work of this section shall be executed in strict accordance with approved shop drawings.

1.5 Warranty

The work of this section shall be guaranteed against defects of materials and workmanship for a period of one year from date of certificate of substantial completion.

2.1.3 Fasteners

Fasteners shall be zinc plated.

2.2 Hardware

2.2.1 Locking Devices

MS hook lock with [cylinder both sides] or [cylinder to exterior and thumb turn on interior].

2.2.2 Pull Handle

Flush Pull Handle.

2.3 Fabrication

Fabrication will be carried out according to the approved shop drawings. All joints will be welded using manufactures provided assembly brackets to maintain the product design performance.

2.4 Finish

2.4.1 Anodize

Anodic Oxide Treatments are to be processed in accordance with AAMA designations.

M12C22A31 class II designation is for #17 Clear anodized finish (0.0004).

M12C22A41 class I designation is for #14 Clear Anodized finish (0.0007) and colour finishes such as #26 light bronze, #40 bronze and #29 black.

2.4.2 Paint

Thermosetting Acrylic Enamel coating are to be applied in accordance with AAMA 603.8. Specify colour and type from PPG. Standard charts.

2.4.3 Fluoropolymer paint Coating

Based on Kynar 500 Resins are to be applied in accordance AAMA 605.2. Specify colour from Valspar current chart.

PART 2 - PRODUCTS

2.1 Material

2.1.1 Aluminum Extrusion

All extruded aluminum sections to be 6063-T6 alloy or equivalent.

2.1.2 Glazing Material

All extruded thermoplastic elastomers gasket.

PART 3 - EXECUTION

3.1 Protection

Exposed aluminum surface shall be protected from long term contamination of mortar, concrete, paint, mud, etc.

Doors and door frames shall be protected from impact damage by wood sheathing and plastic wraps.

3.2 Installation

Commdoor Aluminum products to be installed according to manufacturers instructions and in conjunction with approved shop drawings. The work shall be performed by qualified skilled personnel ensuring proper equipment provided in order to expedite the project in an efficient

professional manner.

3.3 Cleaning

Interim and final cleaning shall be performed in accordance with the general conditions listing methods outlined in AAMA 609 & 610-02 (2002).