

Specifications

Sliding Doors • Series 2000

08 32 13 SLIDING GLASS DOORS

SERIES	STILES	TOP RAIL	BOTTOM RAIL	INTERIOR APPLICATIONS ONLY	GLAZING INFILL
2000	2-1/16" (52.4)	2-1/8" (54)	3-3/16" (81)	Shopping Malls and Auto Dealerships	1/4" (6) or 1" (25)

I. GENERAL DESCRIPTION

Work Included: The glazing contractor shall furnish all necessary materials, labor, and equipment for the complete installation of aluminum sliding doors as detailed on the drawings and specified herein.

Work Not Included: Structural support of the framing system, wood framing, structural steel, masonry and final cleaning.

QUALITY ASSURANCE

For purposes of designating type and quality for work in this section, drawings and specifications are based on U.S. Aluminum Series 2000 Sliding Doors. When substitute products are to be considered, supporting technical literature, samples and drawings must be submitted 10 days prior to bid date in order to make a valid comparison of the products involved.

PERFORMANCE REQUIREMENTS

Series 2000 Sliding Doors are designed for interior application only.

II. PRODUCT MATERIALS

Door and frame members shall be extruded architectural aluminum 6063-T5 alloy and temper. Major portion of all door sections, except glazing beads, shall be nominal .125" (3.2). Wall thickness of frame members shall be nominal .093" (2.4). Screws, nuts, washers, bolts, rivets, and other fastening devices shall be aluminum, stainless steel or other non-corrosive materials. Sliding door floor track shall have stainless steel cover cap. Perimeter fasteners shall be aluminum or steel providing that the steel is properly isolated from the aluminum.

DOOR CONSTRUCTION

Fixed and sliding panels shall be 1-3/4" (44.5) deep. Stiles and rails shall be tubular sections, accurately joined at corners with heavy concealed reinforcement brackets secured with bolts and screws. Doors shall have snap-in stops with E.P.D.M. glazing gaskets on both sides of glass. No exposed screws shall be permitted. A hard-backed poly-pile weather-strip shall be installed in interlockers and meeting stiles of bi-parting doors. Sliding panels shall be equipped with two tandem ball bearing rollers, each capable of supporting 250 pounds (113.4 Kg) of moving weight.

HARDWARE

Hardware for Series 2000 Sliding Doors shall be the manufacturer's standard: Maximum Security hookbolt lock with two three-pin cylinders, flush finger pulls, and adjustable tandem steel rollers. If custom hardware is to be furnished by others, templates and physical hardware must be submitted prior to any fabrication.

FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given a caustic etch followed by an anodic oxide treatment to obtain... (Specify one of the following).

- ____ #11 Clear anodic coating
- ____ #22 Dark Bronze anodic coating
- ____ #33 Black anodic coating

A Fluoropolymer paint coating conforming with the requirements of AAMA 2605. Color shall be (Specify a U.S. Aluminum standard color).

III. EXECUTION INSTALLATION

All items under this heading shall be set in their correct locations as shown in the details and shall be level, square, plumb, and at proper elevation and in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. Upon completion of the installation of the entrances, it shall be the contractor's responsibility to make all necessary final adjustments to attain normal operation of each door and its mechanical hardware.

PROTECTION AND CLEANING

After installation the General Contractor shall adequately protect exposed portions of the aluminum entrance work from damage by grinding and polishing compounds, plaster, lime, acid, cement or other contaminants. The General Contractor shall be responsible for final cleaning.