

**SECTION 08 32 13**

**INTERIOR SLIDING GLASS DOORS**

The Sliding Door Company's namesake product combines operable sliding glass doors with stationary glazed panels to create a sophisticated system for partitions, room dividers, and office fronts. Ideal for the speed of change in today's interiors, the system is easily installed and is designed for disassembly and reuse. Visit our showroom to experience the range of design possibilities.

This document is available in word processing format at [www.slidingdoorco.com/tradepro](http://www.slidingdoorco.com/tradepro); TURN ON HIDDEN TEXT to view or print notes to specifier.

Drawing Coordination: Locations of doors and glazed lights, directions of operation, and sizes of openings should be shown in Drawings. If installations are supported by ceiling or other structure above, show bracing or required structure. If project requires more than one style of door design, glazing, or finish, indicate locations of each in drawings, schedule, or specification section.

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**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section includes glazed aluminum-framed sliding doors[, **inactive leaves (stationary panels),**] and frames.
- B. Related Requirements:
  - 1. Section 08 11 16 – Interior Aluminum Doors and Frames.
  - 2. Section 08 71 00 – Door Hardware.
- C. References:
  - 1. **[AAMA 611: Anodized Architectural Aluminum.]**
  - 2. ASTM B308: Aluminum-Alloy 6061-T6 Standard Structural Profiles
  - 3. **[ASTM C1048: Heat-Treated Flat Glass – Kind HS, Kind FT Coated and Uncoated Glass]**
  - 4. **[ASTM C1172: Laminated Architectural Flat Glass]**
  - 5. CSPC 16 CFR 1201: Safety Standard for Architectural Glazing Materials

**1.2 ADMINISTRATIVE REQUIREMENTS**

- A. Field-verify dimensions and clearances for openings scheduled to receive work of this section.

- B. Scheduling:
  - 1. Ordering and Delivery: Order products with sufficient lead time to avoid delays in project schedule.
  - 2. Installation: To extent practical, install work after surrounding finish work is complete.

### 1.3 ACTION SUBMITTALS

- A. Product Data: Include fabrication details, aluminum finishes, glass types, installation and operating instructions for each type of sliding door.
- B. Shop Drawings:
  - 1. Include plans, elevations, details, hardware, operational clearances and accessories. **[Include keying schedule for locksets.]**
  - 2. Delegated Design Submittals: For installations not supported from above, provide drawings and calculations signed by an engineer, indicating components and connections, demonstrating compliance with applicable regulations.
- C. Samples for Verification:
  - 1. Extrusions: 6 inches long, showing finish.
  - 2. Glass: 3 inches square.
- D. Warranty: Submit sample of manufacturer's standard warranty.

### 1.4 CLOSEOUT SUBMITTALS

- A. Operation and maintenance data.
- B. Executed warranty.

### 1.5 QUALITY ASSURANCE

- A. Installer: **[Approved by manufacturer.]<Insert experience requirements.>**
- B. Engineer for Installations Not Supported from Above: Licensed in project jurisdiction.

### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver products after space is enclosed and wet work is complete.
- B. Acceptance: Inspect packaging and report noticeable damage in accordance with manufacturer's requirements.
- C. Storage: Store in original packaging, up to ten degrees from vertical, on level floor surface.
- D. Handling: Handle in accordance with manufacturer's installation instructions and to prevent damage.

## 1.7 WARRANTY

- A. Warranty: Manufacturer's warranty agreeing to repair or replace components used in interior installations, excluding glass, that fail in materials or workmanship within three years from date of substantial completion.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURER

- A. Manufacturer: **The Sliding Door Company, Inc.**  
20235 Bahama St., Chatsworth, CA 91311  
Toll Free: 888-433-1333;  
Email: [trade@slidingdoorco.com](mailto:trade@slidingdoorco.com)  
Web: [www.slidingdoorco.com/trade](http://www.slidingdoorco.com/trade)
- B. Provide complete system from single manufacturer.
- C. Substitutions:
  - 1. Substitutions will not be considered.
  - 2. Substitutions will be considered according to **[Instructions to Bidders.][Division 01 Requirements.]**

### 2.2 COMPONENTS

- A. Framing, General:
  - 1. Material: Aluminum extrusions, 6061 alloy.
  - 2. Finish:
    - a. **[Clear Anodized Aluminum: AAMA 611, Class II.]**
    - b. **[Powder Coating: [White][Black][Charcoal].]**
    - c. **[Simulated Wood: [Wenge ][Walnut ]pattern.]**
- B. Beams and Columns: **[2 by 4 inches][4 by 4 inches][Size shown on Drawings]**, 0.102 inch minimum thickness.
- C. Top Tracks: 0.064 inch minimum thickness, with number of channels required for door operation indicated.
- D. Bottom Tracks:
  - 1. Aluminum 6061 extrusions, 0.057 inch minimum metal thickness, 0.325 inch high, barrier-free per ADA.
  - 2. Installation: **[Recessed.][Surface-mounted.][Surface-mounted (to include ramp).]**
  - 3. Channels:**[Single.][Double.][Triple.][Interlocking tracks with number of channels required for door operation indicated.]**
  - 4. Finish: **[Clear Anodized Aluminum: AAMA 611, Class II.][Colored Anodized Aluminum: AAMA 611, Class II, bronze.]**
- E. Doors:
  - 1. Stiles and Rails:

- a. **[1.5 inch sight line, 0.051 inch minimum thickness.]**
- b. **[3 inch sight line, 0.051 inch minimum thickness.]**
- 2. Mullions:
  - a. Built-In Mullions: **[1.5][3]** inch sight line.
  - b. Surface Applied Mullions: **[1.0 inch][1.5 inch ][3 inch ]**sight lines.
- A. Glass: Category II Safety Glazing per CPSC 16 CFR 1201.
  - 1. Monolithic Clear Tempered Glass: 5 mm thick, ASTM C1048, Kind FT.
    - a. **[Back Painting: [None][White][Black].]**
    - b. Glazing Patterns:
      - 1) Frosted: Sandblasted and etched back.**
      - 2) Frosted and Clear “Combo”:** Partially sandblast and etch glass [to 60 inches above finished floor.][as shown on Drawings.]<Other Description]
      - 3) Linen: Cast back.**
      - 4) Film: Frosted film.**
  - 2. Monolithic Smoked Tempered Glass: 5 mm thick, ASTM C1048, Kind FT.
    - a. Glazing Patterns:
      - 1) Frosted: Sandblasted and etched back.**
      - 2) Frosted and Clear “Combo”:** Partially sandblast and etch glass [to 60 inches above finished floor.][as shown on Drawings.]<Other Description]
  - 3. Laminated Glass: ASTM C1172, 7 mm thick with **[semi-opaque][clear]** interlayer.
  - 4. Mirror: **[Clear][Smoked]** annealed mirrored glass, ASTM C1036, with safety film backing.

## 2.3 HARDWARE

### /tradeproHandles:

- 1. Flush Handle (Brushed Silver - Aluminum).
  - 2. Standard Handle (Brushed Silver - Aluminum) **[Single][Double]** .
  - 3. Designer Handle (Stainless Steel) **[Single][Double]**, **[9” ht][12” ht][14”ht]** x **[5/8” Dia]** **[3/4” Dia]** .
  - 4. Square Designer Handle (Stainless Steel) **[Single][Double]**, **[8” ht][10” ht][12” ht]** .
  - 5. Extended Designer Handle (Brushed Silver - Aluminum) **[Single][Double]**, **[9” ht][11” ht]**
  - 6. Edge Pull (Brushed Silver - Aluminum).
  - 7. Flush Indent Handle (Stainless Steel).
- B. Upper Roller Carriages: Vinyl rollers with steel bearings.
  - C. Lower Carriages: Sliding wheel-to-track with locking mechanism and polyoxymethylene (POM) copolymer wheels with steel bearings.
  - D. Locks and Latches:
    - 1. Flush Indent Handle with Thumb turn and Key Lock (Stainless Steel)
    - 2. Push Lock (Chrome Plated - Aluminum)
    - 3. Privacy Latch with Thumb Turn (Stainless Steel)
    - 4. Wheel Lock (Painted Silver - Aluminum)
    - 5. Provide **[two]<Other number>** keys per lockset, labeled to indicate door. **[Key locksets alike.][Key locksets uniquely [and provide [two]<Other number> master keys].]**

- E. Door Stop: For head or bottom track, as indicated in shop drawings.

## 2.4 FABRICATION AND ASSEMBLY

- A. Door Design:

[/tradepro](#)[Solo: Single light.]

- 2. [Trio: Divided horizontally into three lights.]
- 3. [Quattro: Divided horizontally into four lights.]
- 4. [Pentagon: Divided horizontally into five lights.]
- 5. [Tokyo: Divided horizontally into six lights.]
- 6. [Duo-T: Large center light with pairs of lights above and below.]
- 7. [Continental: Grid, four lights high by two lights wide.]
- 8. [Patterns indicated in Drawings.]

- B. Factory Assembly: Fabricate frame components and doors to finished sizes in factory[, **except provide field splicing at locations indicated in shop drawings to accommodate handling and access limitations**].

## 2.5 ACCESSORIES

- A. Silicone Adhesive: Clear, construction grade silicone adhesive.
- B. Fasteners: As indicated in shop drawings.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Verify that openings and substrates are acceptable for installation of work of this section.

### 3.2 INSTALLATION

- A. Install systems according to shop drawings and manufacturer's installation instructions.

### 3.3 ADJUSTING, CLEANING AND PROTECTION

- A. Adjust doors for smooth operation.
- B. Comply with manufacturer's written recommendations for cleaning and maintenance.
- C. Clean aluminum and glass surfaces immediately after installing sliding doors.
- D. Protect surfaces from impact and from contact with contaminating substances resulting from other construction operations.
- E. Clean immediately before substantial completion.

### 3.4 CLOSEOUT REQUIREMENTS

- A. [Deliver keys as specified in Section 08 71 00 – Door Hardware.][Deliver keys directly to Owner.]
- B. Deliver executed Warranty.

#### END OF SECTION

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