

**SECTION 083006
INTERIOR SLIDING DOORS - SERENITY**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Factory fabricated interior sliding door frame and track systems with operating hardware.

1.02 RELATED REQUIREMENTS

- A. Section 087100 - Door Hardware.
- B. Section 088000 - Glazing: Product and execution requirements for glass type and installation.

1.03 REFERENCE STANDARDS

- A. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document) 2015.
- B. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum 2014 (2015 Errata).
- C. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements 2009 (Reapproved 2016).
- D. ASTM E413 - Classification for Rating Sound Insulation 2016.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide component dimensions, information on glass and glazing, and descriptions of hardware and accessories.
- C. Shop Drawings: Indicate opening dimensions, elevations of different types, framed opening tolerances, and installation requirements.
- D. Samples: Submit two samples, 12 inches (305 mm) long indicating typical sliding door frame construction, accessories, and finishes.
- E. Certificate: Certify that sliding glass doors meet or exceed specified requirements.
- F. Manufacturer's Installation Instructions: Include complete preparation, installation, and cleaning requirements.
- G. Manufacturer's qualification statement.
- H. Installer's qualification statement.
- I. Warranty, executed in Owner's name.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than five years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of type specified in this section, with at least three years of documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site and store in manufacturer's protective cartons until openings are ready for door installation.

1.07 WARRANTY

- A. See Section 017800 - Closeout Submittals for additional warranty requirements.
- B. Correct defective work within a two year period after Date of Substantial Completion.
- C. Provide tyear manufacturer warranty against excessive degradation of metal finishes, and include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Interior Sliding Doors:
 - 1. Serenity Sliding Door Systems; SD101 - Surface Mounted Single Sliding: www.serenityslidingdoor.com/#sle.

2. Substitutions: Not permitted.

2.02 SLIDING DOOR TRACK SYSTEMS

- A. Type SD101 - Interior Sliding Door Track Systems:
 1. Description: Aluminum-cased frame that wraps wall at jambs and head of opening with trim; includes face trim at track, receiving channel, adjustable top track assembly, carriage assemblies having weight rating of at least 220 lb (99.8 kg), frames with integral double seal full gasketing, soft close units, receiving channel, brush type seals, and factory-prepped locks.
 2. Configuration: On wall surface-mount system as indicated on drawings.
 3. Frame Finish: Class I natural anodized (Standard).
 4. Door Type: Flush wood door with particleboard core (Standard).
 5. Wood Door Veneer: As selected by Architect.
 - a. Provide stained finish as selected by Architect.
 6. Door Thickness: 1-3/4 inches (44.5 mm).
 7. Wall Thickness: 4-7/8 inches (123.8 mm), with 5 inch (127 mm) wide cased open frame.
 8. Door Lites: Flush, no lite.

2.03 COMPONENTS

2.04 PERFORMANCE REQUIREMENTS

- A. Acoustical Performance: Provide door assembly and components with Sound Transmission Class (STC) rating of 35, minimum, when tested in accordance with ASTM E90, and ratings derived from ASTM E413.

2.05 ASSEMBLY

- A. Provide wall blocking within metal stud walls as required by manufacturer of sliding door assembly.
- B. Joints and Connections: Flush, hairline width, and waterproof; accurately and rigidly joined corners.

2.06 FINISHES

- A. Class I Natural Anodized Finish: AAMA 611 AA-M12C22A41 clear anodic coating not less than 0.7 mils (0.018 mm) thick.

2.07 ACCESSORIES

- A. Blocking: Provide support wall blocking as required for sliding door locations in accordance with sliding door manufacturer's requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that openings are ready to receive work and opening dimensions and clearances are as indicated on approved shop drawings.

3.02 PREPARATION

- A. Prepare opening to permit correct installation of door unit as indicated.

3.03 INSTALLATION

- A. Install sliding door units in accordance with manufacturer's instructions.
- B. Use anchorage devices to securely fasten sliding door assembly to wall construction without distortion or imposed stresses.
- C. Install perimeter trim and interior closures.

3.04 TOLERANCES

- A. Maintain dimensional tolerances and alignment with adjacent work.
- B. Maximum Variation from Plumb: 1/16 inch (1.6 mm).
- C. Maximum Variation from Level: 1/16 inch (1.6 mm).
- D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch (3.2 mm) from 10 foot (3 m) straight edge.

3.05 ADJUSTING

- A. Adjust hardware for smooth operation.

3.06 CLEANING

- A. Remove protective material from factory finished surfaces.
- B. Remove labels and visible markings.
- C. Wash surfaces by method recommended and acceptable to sealant and sliding door manufacturer; rinse and wipe surfaces clean.
- D. See Section 017419 - Construction Waste Management and Disposal, for additional requirements.

3.07 PROTECTION

- A. Protect installed products from damage until Date of Substantial Completion.

END OF SECTION