

SECTION 081700 – INTEGRATED DOOR OPENING ASSEMBLIES – SLIDING BARN DOOR

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Sliding door, frame, and hardware assemblies.

1.02 RELATED REQUIREMENTS

- A. Section 081416 – Flush Wood Doors: For flush solid-core wood sliding doors specified in this section.
- B. Section 088000 – Glazing for vision glass in wood sliding doors.

1.03 REFERENCE STANDARDS

- A. BHMA A156.18 – American National Standard for Materials and Finishes (ANSI/BHMA A156.18)

1.04 SUBMITTALS

- A. See Section 013300 – Submittal Procedures.
- B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes.
- C. Shop Drawings: Indicate details of each opening showing elevations, glazing, frame profiles, hardware, and different finish locations, if any.
 - 1. Refer to Section 08 for additional submittal requirements.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum five years documented experience

1.06 WARRANTY

- A. See Section 017700 – Closeout Procedures, for additional warranty requirements.
- B. Provide manufacturer's standard warranty against defects in material and workmanship:
 - 1. For entire door opening assembly, provide one-year warranty period after Date of Substantial Completion.
 - 2. Interior Flush wood door slabs: See Section 081416 – Flush Wood Doors.
 - 3. Warranty shall be void unless units are stored in accordance with manufacturer's instructions prior to installation.
 - 4. Warranty shall be void unless units are installed by a factory certified installer.

PART 2 – PRODUCTS

2.01 SLIDING DOOR ASSEMBLIES

- A. Integrated Sliding Door Assemblies – Manufacturer: Serenity Sliding Door Systems, 637 Elkton Drive, Colorado Springs, CO 80907. Ph. 719-212-6007. www.serenityslidingdoor.com.
- B. Provide clear aluminum top track, receiving channel, carriage assemblies, full gasketing, sidelights, transoms, pulls and or locks, and related components.
- C. Wood Door Finish: Refer to Section 081416 “Flush Wood Doors”. Doors to be part of the Serenity Assembly.
- D. Door thickness: 1 3/4 Inches.
- E. Glazing: As indicated per door schedule.
- F. STC Rating of Assembly: Minimum 35.

2.02 DOOR OPERATING HARDWARE

- A. Manufacturers: Door hardware manufactures are as determined by the manufacture of the integrated Door Opening Assemblies in compliance with specified hardware requirements for applications as indicated.
- B. Hardware Options: See Section 087100 – Door Hardware.

2.03 FINISHES

- A. Door Hardware: Provide door hardware of same finish, unless otherwise indicated.
 - 1. Finish: US26D; BHMA A156.18
 - 2. Exceptions:
 - a. Where base material metal is specified to be different, provide finish that is an equivalent appearance in accordance with BHMA A156.18
- B. Serenity Track System:
 - 1. PEP: Powder coat painting. (Please provide the color and manufacturer of the powder.)
- C. Wood Door Finish: Refer to Section 081416 “Flush Wood Doors”

PART 3 - EXECUTION

3.01 VERIFICATION

- A. Verify that wall thickness is consistent and matches wall types called out on plans.
- B. Verify wall openings are plumb, square and level.
- C. Verify that floor is level.
- D. Notify architect if any conditions are present that could affect door installation or performance.

- E. Do not begin Installation if the above conditions are not remedied.

3.02 INSTALLATION

- A. Certified installers are required for warranty purposes.
- B. Install doors in accordance with manufacturer's requirements and instructions.
- C. Coordinate frame anchor placement with wall construction.

3.03 MAINTENANCE

- A. Adjust door for smooth operation in accordance with manufacturer's instructions.
- B. Repair minor damage to finish in accordance with manufacturer's instructions with the approval of the Architect.
- C. Clean sliding doors after installation in accordance with manufacturer's instructions.
- D. Do not use harsh or abrasive cleaning solutions.
- E. Do not use methods of cleaning that could cause damage.

END OF SECTION 081700