

**SUGGESTED ARCHITECTURAL SPECIFICATION  
MODEL 215 HIGH-SPEED FABRIC ROLL-UP DOOR**

**DIVISION 8  
SECTION 08300  
SPECIALTY DOOR SYSTEMS**

**PART 1 - GENERAL**

**1.01 SECTION INCLUDES:**

- A. Fabric Roll-Up doors and accessories for complete installation.

**1.02 RELATED SECTIONS**

- A. Division 16 - Electrical

**1.03 SUBMITTALS**

- A. Product Data: Completely describing components.
- B. Shop Drawings: Showing details of fabrication, installation, and accommodation to connecting work.
- C. Installation Instructions: For door, operator, and accessories.
- D. Operating and Maintenance Data: For door, operator, and accessories.

**1.04 QUALITY ASSURANCE**

- A. Installer Qualification: Door manufacturer, or trained, approved, and licensed door installer.

**PART 2 - PRODUCT**

**2.01 MANUFACTURERS**

- A. Model 215 High-Speed Fabric Roll-Up Door System as manufactured by ASI Doors, Inc., Milwaukee, WI.
- B. Substitutions:

No substitution will be considered unless a written request for approval has been submitted by the bidder and has been received by the architect at least ten (10) days prior to the date for receipt of bids.

Each such request shall include the name of the materials for which it is to be substituted and a complete description of the proposed substitute, including drawings, cuts, mockups, performance and test data, a list of projects of similar scope and photographs of existing installations, and any other information necessary for evaluation.

**2.02 FABRIC ROLL-UP DOORS**

- A. Model 215 High-Speed Fabric Roll-Up Door System.
  - 1. Door size to fit door opening \_\_\_\_\_ wide X \_\_\_\_\_ high, or shown on architectural drawings.
  - 2. Doors shall be high-speed electric powered fabric roll-up doors.

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3. Fabric to be a minimum .030" thick anti-microbial, UV-resistant, FDA compliant, multifilament PVC curtain material; panel color to be white or blue.
4. Electric operator to allow open speed up to 60 inches per second. Electric motor to be 1 hp, 120/208/230-volt, single phase or optional 208/230/460/575-volt, 3 phase 60 hz unit. Self-diagnostic custom microprocessor with variable frequency motor drive allows for speeds to be infinitely adjustable.
5. Electric control panel to be in a NEMA-4 rated enclosure, assembled and ready for connection by others.
6. Curtain bottom edge to be free of any rigid structural pieces. Bottom edge equipped with a flexible wireless reversing edge. Reversing edge to be sealed within the full width of the bottom curtain loop and is activated only when pressure is applied. Reversing signal sent wirelessly via transmitter and receiver eliminating coil cords. Wires on the bottom edge or sides of curtain will not be allowed; nor will coil cords.
7. Send and receive photo eye to be provided, located within door side frame.
8. Absolute encoder to provide infinite adjustment. Adjustments to be made without the aid of special tools. **NO DOOR TRAVEL SETTINGS NEED TO BE RESET AFTER POWER LOSS.** Doors requiring manual assistance, recalibration, or operator interface with door controls after power loss not allowed.
9. Door actuation to be provided by push buttons, pull switch, radio control, or motion detection system.
10. Curtain displacement system:
  - a) Door curtain shall be able to release at any point of the full height on both edges of door.
  - b) Door curtains that partially release not acceptable.
  - c) Doors requiring straps, breakable clips, tape connections, wind knobs, or wheels on the curtain will not be allowed.
11. Springs in barrels and/or side columns will not be allowed. Tension straps will not be allowed.
12. Curtain & Track Retention System.
  - a) Door curtain to be free of any rigid or structural stiffeners and bottom bars.
  - b) Door curtain top seal integrated to door curtain. Top seal rolls up with door to prevent scraping of vision window and curtain discoloration. Seal to automatically deploy against wall when door is fully closed. Door curtains with top seal penetrating wall or constant contact while door rolls up are not allowed.
  - c) Top to bottom continuous side seals. Curtain edges to have continuous lateral reinforced strips from floor to top of opening.
  - d) Low profile side column requires 3-5/8" wall space on each side of door opening.

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- f) Doors requiring straps, breakable clips, tape connections, wheels, or wind knobs on the curtain or breakaway feature will not be allowed.
- 13. Provide a minimum of 16-gauge side guide/frame system. Side covers minimum 24 gauge.
- 14. Full width 28" high clear PVC window panel is optional.

**PART 3 - EXECUTION**

**3.01 EXAMINATION**

- A. Verify installation conditions as satisfactory to receive work of this section. Do not install until unsatisfactory conditions are corrected. Beginning work constitutes your acceptance of conditions as satisfactory.
  - 1. Verify opening size, dimensions, and tolerances.

**3.02 PREPARATION**

- A. Protect surrounding areas and surfaces to prevent damage during work of this section.

**3.03 INSTALLATION**

- A. Install the work in accordance with manufacturer instructions.

**3.04 WARRANTIES**

- A. One-year limited warranty on all components.

**3.05 CLEANING**

- A. Leave the premises clean and free of residue of work of this section.

**END OF SECTION**