

MAXZIP

ARCHITECTURAL SPECIFICATIONS

PerforMax Industrial Doors
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Part 1: General

1.1 General

Architectural Specifications describe criteria, product, manufacture delivery & installation of the MaxZip vinyl door.

1.2 Product Specifics

- A. MaxZip vinyl door has sturdy guides and a secure zipper edge locking system to provide near airtight seal and breakaway feature for simple reinsertion.
- B. After accidental impact, the door must reset with normal tools and equipment.
- C. PVC vinyl curtain for service temperature range of -40F to +180F (-40C to +85C).

1.3 Shop Drawings/Submittals

- A. Submit shop drawing showing all pertinent dimensions including: Shop Drawing, Product Data, Samples Electrical Requirements and Mock-Ups. Provide curtain or guide color samples as requested.
- B. Indicate each type of door, required clearances, and electrical required including voltages, size of motors, auxiliary controls and wiring diagrams.
- C. Indicated installation handling.
- D. Requires sign off/approval on shop drawing & purchase order prior to manufacturing.

1.4 Installation Criteria

- A. Installer must be a factory authorized dealer.
- B. Field verification prior to shop drawing approval.

1.5 Warranty

- A. One (1) year warranty on all components.

Part 2: Products

2.1 Materials

- A. The MaxZip vinyl door model is manufactured & assembled by PerforMax Global.
- B. Substitutions will not be accepted.

2.2 Curtain Material

- A. One (1) layer of vinyl with a clear section for visibility. Any other materials will not be accepted.
- B. Full length self-lubricating zipper edge.
- C. Standard Color: Blue with window.

2.3 Guides

- A. Guides shall be one-piece aluminum. Zipper edge to move freely in the guides at all times. Plastic guide rail to release curtain during accidental impact yet remain rigid during normal operation. Plastic guide rail to be made out of HDPE plastic.

2.4 Bottom Bar

- A. Bottom bar shall extend the full operating width of the curtain. Spliced bottom bars or aluminum bottom bars will not be accepted.
- B. Bottom bar to be reset without need to unbolt the side frames.
- C. Bottom bar shall be constructed of PVC vinyl loop with sand inside the soft bottom bar edge.

2.5 Roll-Up Barrel

- A. The curtain is to be rolled on a tube of sufficient size to carry the door load with a deflection of not more than 2.5mm/m. Both the drive tube shafts are to be constructed of extruded aluminum.

2.6 Drive

- A. Operators will be direct drive with no chains, pulleys or other intermediary equipment.
- B. Operator to have emergency hand crank for operation in case of power failure without any special tools or equipment.
- C. Operator to be 208 volt, 230 volt or 460 volt, 3 phase, 60 HZ. Motor size to be PerformMax Global recommended size for given door.

2.7 Control Panel/Electrical Operator

- A. Panel enclosure to be NEMA 4 and UL-rated.
- B. Drive system will be direct variable speed.
- C. Option: Control panel shall have push button.

2.8 Reversing Edge & Photo Eye

- A. Optional wired safety edge.
- B. Thru beam photo eye shall be standard.

2.9 Optional Activation Accessories

- A. Magnetic loop indicators
- B. Ceiling pull switches

- C. Motion sensors
- D. Remote control with open/close/stop

Part 3: Execution

3.1 Installation

- A. Install doors in accordance with manufacturer printed instructions by a factory trained & authorized installer.
- B. All electrical wiring including power supply and control and wiring to be done by a licensed electrical contractor.
- C. Prior to startup of operation, have installer return and check operation and limits.