

# MAXSEAL

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 MaxSeal vinyl door.

### 1.2 Product Specifics

- A. MaxSeal vinyl door has sturdy guides and a secure 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.

### 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 handing.
- 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 MaxSeal 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. End locks are attached to the edges of the curtain material. Curtain locks to be lubrication free.
- C. Standard Color: Blue with window.

## 2.3 Guides

- A. Guides shall be two-piece aluminum. End Locks to move freely in the guides at all times. Aluminum guides to release curtain during accidental impact yet remain rigid during normal operation.

## 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. Optional safety edge to seal against the ground.
- D. Bottom bar shall be constructed of extruded aluminum with a weighted hard 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. Operators shall have safety viscosity governors.
- C. Operator to have emergency hand crank or optional emergency chain hoist for operation in case of power failure without any special tools or equipment.
- D. Operator to be 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.
- B. Drive system will be direct variable speed.
- C. Option: Control panel shall have push button & cycle counter.

## 2.8 Reversing Edge & Photo Eye

- A. Optional wired safety edge.
- B. Retro-reflective 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.