

Specification Sheet

Product:

- FlexScreen
- Inside Standoff Mount
- Motorized and Manual Operation



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1.0 General

1.0 Summary

A. All FlexScreen Doors shall be manufactured by FlexBarrier Products, LLC. Furnished materials shall include screen mesh curtain (with wind load stiffeners and bottom pocket), guide tracks, mounting brackets, brush seal, PVC side panels, operating mechanisms and any special components.

B. Work not provided by FlexBarrier Products, LLC. includes the design of and the material used for the preparation of the door openings. Also structural or miscellaneous iron work and finish painting.

2.0 Products

2.1 Materials

A. The door curtain shall be constructed from an open weave vinyl coated polyester mesh, scrim count 17 x 11. The door is made in horizontal sections that are divided by pockets containing wind load stiffeners. The sections are typically 2 feet high but can vary slightly depending on the overall door size.

B. The wind load stiffeners are typically 3/4" fiberglass rods. For openings greater than 10' wide, a 3/4" (16 gauge) galvanized tube is used for the wind load stiffeners.

C. The bottom pocket shall contain a 3/16 proof coil chain that will allow the bottom of the curtain to seal more evenly at the floor.

D. The guide tracks are extruded aluminum and have a 4" deep channel that guides the curtain during the "opening" and "closing" operation. (Note: In certain situations where there are width restrictions, a 2 3/4" deep channel may be used). There is a 1" mounting leg that is the part of the guide track that is used to attach this track to the wall via the wall clip. The guide tracks have a mill finish and will have Black/Yellow safety tape running the full height to make the guide tracks more visible. There is also a 6" cut made at the top of the guide track that allows the top of the channel to be flared out (in "Y" shape) to allow the curtain to feed more easily into the track. There is also a 1" wide strip of adhesive backed Velcro that is attached to the backside of the channel that is used to attach the PVC side panels.

E. The mounting brackets consist of a commercial "T" bracket. This bracket has a 14" arm to allow the attachment of the curtain barrel/tube. This 14" arm also has a 10" slot that allows the barrel mounting brackets to be adjusted forward and backward to accommodate a variety of existing door configurations.

F. The brush seal is a 4" brush with a 90-degree aluminum retainer that is typically attached to the bottom of the existing door. When the existing door is in the "up" position, the brush extends out to touch the curtain barrel and seals the gap between the two doors.

G. The PVC side panels are typically 8" wide (black PVC) that are cut to the height of the guide tracks. The PVC panels have Velcro sewn on one edge that attaches to the backside of the guide track and with the other end attaching to the wall clips at the wall. The panels close the gap between the guide tracks and the wall.

H. Available operating mechanisms include an In-Tube Motor (model varies depending on door size). The motor will be provided with a maintain switch, power cord, switch box and switch plate. There is also a model that uses an External Continuous Duty Motor for high use situations. Other "manual" operating mechanisms include a Spring Loaded Tube (max. door opening size of 10' x 10') or a Chain Hoist Mechanism.

2.2 Operation

A. Motorized door systems will require a power source of 115 volts and will operate with a wall switch.

3.0 Execution

3.1 Installation

A. A qualified door dealer or their representative shall install all FlexBarrier FlexScreen doors.

3.2 Warranty

A. All FlexBarrier FlexScreen products are guaranteed to be of good quality and free from defects in material and workmanship for a period of 1-year from the date of purchase.