

Specification Sheet

Product:

- FlexGuard
- Face of Wall Mount
- Motorized Operation



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1.0 General

1.0 Summary

A. All FlexGuard Doors shall be manufactured by FlexBarrier Products, LLC. Furnished materials shall include metal mesh screen (with safety support rods), guide tracks, aluminum side panels, mounting brackets, brush seal, operating mechanisms, lock-down unit 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 a ½” aluminum mesh or ¼” stainless steel coil mesh. The door is made in horizontal sections that are divided by support rods. The sections are typically 2 feet high but can vary slightly depending on the overall door size. The screen weighs approx. 0.42lbs per square foot.

B. The safety support rods are typically ¾” yellow fiberglass rods. For openings greater than 10’ wide, a ¾” (16 gauge) galvanized tube is used.

C. The bottom bar shall include a rectangular bar, approximate size ¾” x 3” x width of screen.

D. The guide tracks are extruded aluminum and have a 4” deep channel that guides the screen during the “opening” and “closing” operation. 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 3” 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 screen to feed more easily into the track.

E. The mounting brackets consist of a commercial “T” bracket. This bracket has a 14” arm to allow the attachment of the screen barrel/tube. This 14” arm also has a 10” slot that allows the barrel mounting brackets to be adjusted forward and backward.

F. The brush seal is a 4” brush in an aluminum retainer that is attached under the header. The brush extends out to touch the curtain barrel and seals the gap between the wall and our door.

G. The side panels are an aluminum sheet panel and run the full height of the opening (width of this panel is determined by distance door is mounted off of the wall). They will attach to the backside of the guide track 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.

I. A lock-down device is included with this product for security purposes. The door will not open when locked.

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 FlexGuard doors.

3.2 Warranty

A. All FlexBarrier FlexGuard 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.