

# High Performance Doors and Dock Equipment



Hörmann Flexon LLC  
Buncher Commerce Park  
Avenue C Building 20-A  
Leetsdale, PA 15056-1376

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## SECTION 08355 TRAFFIC DOORS

(Rev. 5-09)

### Hörmann Flexon FLEXIDOOR® SERIES HD IMPACT TRAFFIC DOORS

#### PART 1 – GENERAL

##### 1.1 WORK INCLUDED

- 1.1.1. Provide material, equipment, services and labor to install the doors as shown on the plans and specified herein.
- 1.1.2. See plans for portion of steel door frame to be furnished by others.

##### 1.2. SUBMITTALS

- 1.2.1. Shop Drawings: Submit sets indicating elevations, thickness and gauges, fastenings, size, method and materials for weather-stripping and connections to adjacent work.
- 1.2.2. Product Data: Manufacturer's standard equipment brochure.
- 1.2.3. Colors: Manufacturer's standard color samples. The Architect shall select the colors.

##### 1.3. DELIVERY STORAGE AND HANDLING

- 1.3.1. Deliver and store product in accordance with manufacturer's printed instructions.
- 1.3.2. If a dry, well-ventilated storage room is available at the facility, request permission to store the doors and materials. If storage space is not available at the facility, store them in a safe, dry, interior storage area.

#### PART 2 – PRODUCTS

##### 2.1. ACCEPTABLE MANUFACTURER

- 2.1.1. Hörmann Flexon LLC. Buncher Commerce Park, Avenue C, Bldg 20-A, Leetsdale, PA 15056.  
TOLL FREE: (800) 365-3667 / Outside USA: (724) 385-9150 / Fax: (724) 385-9151 /  
Web: [www.hormann-flexon.com](http://www.hormann-flexon.com) / Email: [sales@hormann-flexon.com](mailto:sales@hormann-flexon.com)

##### 2.2. MATERIALS

- 2.2.1. Door Type: Hörmann Flexon Flexidoor® Series HD, flexible double acting impact traffic doors, with top and bottom hinges.
- 2.2.2. Sizes: See plans and verify in field.
- 2.2.3. Panel: 3/8" thick flexible PVC, color – black or clear. Panels to have positive overlap between leaves.

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- 2.2.4. Vision Area: Full width by full height starting 50" off the floor. The transparent flexible PVC is welded in place with flexible PVC welding material. There are to be no mechanical fasteners used to attach the vision area to the panel surface.
  - 2.2.5. Hardware: Low profile floor and lintel mounted galvanized ball bearing upper and lower hinges with #1 x 90 degree swing standard. Doors to swing on an even plane and to be self closing by means of a fully adjustable torsion spring closing mechanism.

### 2.3 FABRICATION

- 2.3.1 Fabricate doors to accurate fit in accordance with field measurements and manufacturer's recommendations.
- 2.3.2 Door Fabrication: Panels to be attached to enamel painted (gray in color) tubular steel vertical and horizontal frames by means of steel clamp strip with galvanized steel nuts and bolts. Panels to be easily replaceable separate from tubular steel frameworks.
- 2.3.3. Ship doors according to manufacturer's standard procedure.

## PART 3 – EXECUTION

### 3.1 DOOR INSTALLATION

- 3.1.1. Install hardware and doors in accordance with manufacturer's recommendations so that doors swing easily without rack or bind. Hang doors plumb and true to accurate fit with proper clearances.
- 3.1.2 Replace damaged doors with new doors.
- 3.1.3. Leave doors without marks or scratches.