

# 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 SERIES ID FULL THICKNESS 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 doorframe 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. 20A, Leetsdale, PA 15056. Phone: 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 Series ID Model ID-R insulated 1-1/4" full thickness two-way swinging double doors with top and bottom hinges.
- 2.2.2 Sizes: See plans and verify in field.
- 2.2.3 Facing: 1/8" thick rigid USDA approved plastic panels; color – select from manufacturers standard.

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- 2.2.4 Door Bumpers (optional): To be shock absorbing loop type. Size (width and height) to be specified based on the application.
  - 2.2.5 Core: 1 ½" thick rigid Styrofoam with a rigid plastic interior frame.
  - 2.2.6 Hardware: Low profile floor and lintel mounted galvanized upper and lower hinges with #1 hinge, standard 2 x 90 degree swing (or optional hinge variation shown on plans). Doors to swing on an even plane and to be self-closing by means of an easily adjustable torsion spring closing mechanism.
  - 2.2.7 Weather-stripping: Doors shall be provided with full perimeter weather seals that are replaceable. All seals are door mounted.
  - 2.2.8 Vision Panels: Double pane, high impact plastic windows 14" w x 16" h.

### 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 2" thick, full height, vertical aluminum frame at jamb side. Body components to be ultrasonically welded together to provide a clean finish without the use of adhesive or mechanical fasteners.
- 2.3.3 Ship doors according to manufacturer's standard procedure, either knocked down or assembled. Individually package each door and tag doors to correspond with plan numbers.

## 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.