

SECTION 08380

DOUBLE ACTING IMPACT TRAFFIC DOORS

Part 1 GENERAL

Section 1.01 SUMMARY

- A. This section includes double acting impact traffic doors.
- B. Related sections: Include appropriate section below indicating proper frame/jamb details. Recommended jamb is 1/4" thick and 4" wide minimum steel frame.

Section 1.02 SUBMITTALS

- A. Product data: Submit manufacturer's data indicating products provided.
- B. Shop drawings: Submit indicating locations of required block outs, frame fabrication requirements, sizes, elevations, and other related items.

Section 1.03 DELIVERY, STORAGE AND HANDLING

- A. Packing and shipping: Deliver work packaged for protection.
- B. Acceptance at site: Inspect work upon delivery for damage; rejecting any damaged items.
- C. Storage and protection: Store materials under cover, 4" off floor, minimum, raised platforms, in vertical position with minimum 1/4" space between doors. Avoid use of non vented plastic or canvas shelters creating humidity chambers. Immediately remove wet wrappers.

Part 2 PRODUCTS

Section 1.04 MANUFACTURERS

- A. Acceptable Manufacturers:
 - 1. Products specified as standard of quality are manufactured by:

National Access Design, LLC
1924 Losantiville Ave.
Cincinnati, OH. 45237
1-513-351-3400
www.nationalaccessdesign.com

- 2. Substitutions: Not permitted

Section 1.05 MANUFACTURED UNITS

- A. Traffic Doors:
 - 1. Acceptable product: National Access Design Model 8500
 - 2. Traffic type: Retail/Commercial, Light to Medium duty Cart and Personnel.
 - 3. Sizes: As indicated on drawings (door schedule).

4. **Panels:**
 - a. **1 3/4" thick, rigid P.V.C. custom extrusion core with .125 ABS facings. Fully insulated with polystyrene insulation. Perimeter of panels to be fully gasketed.**
 - b. **Rigid heavy duty back edge spine.**
 - c. **Color; Architect to chose color from standard manufacturer's colors.**

5. **Hinges:**
 - a. **Hinges are V-Cam with 10" jamb guard standard**

6. **Vision Area:**
 - a. **9" X 14" clear vision panels held securely in place by low profile high strength plastic sealed frames.**
 - b. **Or 6" x 12" (If panels are 42"Bi-parting or smaller) (If not used should be removed at final draft)**
 - c. **Or 14" x 16" (If not used should be removed at final draft)**
 - d. **Or 22" x 22" (If not used should be removed at final draft)**
 - e. **Or 10" X 30" ADA**

7. **Panel Protection: Teardrop Bumper**
 - a. **None**
 - b. **Or 12" high Teardrop bumper(If not used should be removed at final draft)**
 - c. **Or 18" high Teardrop bumper(If not used should be removed at final draft)**
 - d. **Or 24" high Teardrop bumper(If not used should be removed at final draft)**
 - e. **Or 36" high Teardrop bumper(If not used should be removed at final draft)**
 - f. **Or 42" high Teardrop bumper(If not used should be removed at final draft)**

8. **Panel Protection: Impact Plate**
 - a. **None**
 - b. **Or 12" high Impact plate(If not used should be removed at final draft)**
 - c. **Or 18" high Impact plate (If not used should be removed at final draft)**
 - d. **Or 24" high Impact plate (If not used should be removed at final draft)**
 - e. **Or 36" high Impact plate (If not used should be removed at final draft)**
 - f. **Or 42" high Impact plate (If not used should be removed at final draft)**
 - g. **Or 48" high Impact plate (If not used should be removed at final draft)**

Part 3 EXECUTION

Section 1.06 EXAMINATION

- A. **Verification of conditions:**
 1. **Verify traffic door frames are in accord with reviewed shop drawings.**
 2. **Examine conditions and substrates under which products of this section are to be installed; submit written notification of unacceptable conditions or substrates.**
 3. **Submit copy of installer's report to Architect of record within 72 hours of report receipt.**
 4. **Proceeding with construction activity of this section:**
 - a. **Prior to correction of unacceptable conditions or substrates are prohibited.**

- b. Indicated installer's acceptance of condition of product and substrates.**

Section 1.07 INSTALLATION

- A. Steel tube frames: Or minimum 2 X 4 double wood, C-Channel or reinforced hollow metal frames. Installed in Metal Fabrication section.**

- B. Traffic doors:**
 - 1. Install in prepared openings in accordance with reviewed shop drawings and manufacturer's Installation instructions**
 - 2. Plumb and level units.**
 - 3. Adjust for proper operation.**

- C. Clean surfaces per manufacturer's instructions just prior to Date of Substantial Completion.**

++ END OF SECTION ++