

SECTION 08 38 16
FLEXIBLE TRAFFIC DOORS**PART 1 - GENERAL****1.1 DESCRIPTION**

This section specifies double acting, shock absorbing type flexible rubber doors complete with vision panels, hardware and related components.

1.2 RELATED WORK

- A. Steel Sub frame: Section 05 50 00, METAL FABRICATIONS.
- B. Color of Finish: Section 09 06 00, SCHEDULE FOR FINISHES.

1.3 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Shop Drawings:
Showing materials, finish, details of construction, and installation.
- C. Manufacturer's Literature and Data:
Indicating type of door specified and installation instructions.

PART 2 - PRODUCTS**2.1 FLEXIBLE RUBBER DOORS**

- A. Doors: Double acting, shock absorbing type, complete with glazed vision panel, hardware and all necessary related components and accessories required for a complete installation.
 - 1. Approximately 46 mm (1 13/16 inch) overall thickness and of dimensions shown.
 - 2. Face sheets of door: Approximately 13 mm (1/2 inch) thick, rubber, approximately 60 Durometer hardness, reinforced with 1000g (32 ounce) duck cloth.
 - 3. Door panel: Fastened between two side frames formed of 1.2 mm (0.0478 inch) thick steel and secured with bolts.
 - 4. Rubber face sheets: Separated by shaped rubber extrusions, cemented to interior of face sheets.
 - 5. Use manufacturers' standard construction for spacing.
 - 6. Fill compartments between face sheets with neoprene-coated padding.
- B. Hardware:
 - 1. Steel tube post with gravity "V-cam" upper and lower bearings and needle bearing cam follower.
 - 2. Adjustable closing device consisting of wire compression springs with lock collar and washer.

C. Air Seals:

1. 1.5 mm (1/16 inch) thick duck cloth reinforced rubber seal with continuous metal anchor strips.
2. Rubber material for seals at jamb sides of door for complete seal at door edges when closed.

D. Finish:

Black satin finish and metal parts for rubber, factory applied prime and finish coats.

PART 3 - EXECUTION**3.1 INSTALLATION**

- A. Installation: By experienced mechanics capable of installing the doors in accordance with the shop and erection drawings and the manufacturers' instructions.
- B. Set work accurately; plumb, level, free of rack and twist, and set parallel or perpendicular as required to line and plane of surface.
- C. Install anchoring devices and fasteners as shown and required to secure door, hardware, seals and other components to building construction.

3.2 CLEANING AND ADJUSTING

- A. All movable parts: Cleaned and adjusted to operate as designed without binding or deformation of the members, and where applicable, to have all contact surfaces fit tight and even without forcing or warping the components.
- B. Touch up all damaged area of finish with paint as supplied by the door manufacturer.

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