

SECTION 08 38 00
DOUBLE ACTING IMPACT TRAFFIC DOOR
[ImpacDor® RD-175]



GENERAL NOTES TO SPECIFIER:
EDIT CAREFULLY TO SUIT PROJECT REQUIREMENTS. MODIFY AS NECESSARY AND DELETE ITEMS THAT
ARE NOT APPLICABLE. VERIFY THAT REFERENCED SECTION NUMBERS AND TITLES ARE CORRECT.

2720 E. Avalon Ave.
Muscle Shoals, AL 35661
800.633.3120
aleco.com

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes: Double acting, self-closing, fully insulated, 1-3/4 inch thick, impact traffic door.

INSERT COPY FROM SPEC SHEET ON RECOMMENDED FRAME

- B. Related Sections:

1.2 SUBMITTAL

- A. Reference Section 01 33 00–Submittal Procedures; submit the following items:
1. Product Data.
 2. Shop Drawings: Show fabrication details and anchorage. Include door elevations, head, jamb and meeting stile details including perimeter air seals.
 3. Samples: Full range of manufacturer’s standard color selections for facing material.
 4. Quality Assurance/Control Submittal:
 - a. Manufacturer’s Installation Instructions.
 5. Closeout Submittal:
 - a. Cleaning and Maintenance instructions.
 - b. Warranty

1.3 QUALITY ASSURANCE

- A. Qualifications:
1. Manufacturer Qualifications: regular manufacturer of impact traffic doors for at least 5 years.

1.4 DELIVERY STORAGE AND HANDLING

- A. Reference Section 01 66 00–Product Storage and Handling Requirements.
- B. Verify doors were shipped in upright position.
1. Note specific doors shipped in other than upright position on bill of lading and contact manufacturer.
- C. Store in upright position and follow manufacturer’s instructions printed on carton.

1.5 PROJECT/SITE CONDITIONS

- A. Existing Conditions: Frames installed under other sections shall be level and plumb.

1.6 WARRANTY

- A. Standard one year limited warranty (from date of shipment) against defects in materials and workmanship and is limited to the replacement on any part which prove to be defective.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturer: ALECO, A Division of ES ROBBINS; 2720 E. Avalon Ave.; Muscle Shoals, AL. Telephone: (800) 633-3120, (256) 248-2402. Fax: (800) 750-9616. Website: www.aleco.com
- B. Model: ImpacDor® RD-175

2.2 DOOR COMPONENTS

- A. Internal Frame: 3-1/2 x 1-1/2 inch PVC extrusions, full height of nose and jamb edge. 1-1/2 inch square PVC extrusions at top, bottom and above and below vision panel.
- B. Core: 1-1/2 inch thick closed cell polystyrene foam.
- C. Facings: 1/8 inch thick ABS plastic, 5,400 psi tensile strength, color as selected by architect.
- D. EZ Hinge Offset Pivot Hardware: Stainless steel with 8-3/4 inch high jamb guard.
- E. Seals: Less than 5 cfm air infiltration per linear foot of seal per ASHRAE Bulletin 90-75
 - 1. Jamb and Nose Edge: Replaceable rubber seal.
 - 2. Header: 22 oz. vinyl seal, factory installed.
 - 3. Sill: 1/16 inch thick neoprene rubber, factory installed; fixed.

14" X 16" VISION PANEL IS STANDARD; OPTIONS INCLUDE 9" X 14" OR 9" X 30"

- F. Vision Panel: [3/16 inch thick polycarbonate, double glazed in [rubber gasket with radius corners]].
-

FOLLOWING ACCESSORIES ARE OPTIONAL. SELECT AS DESIRED AND DELETE OTHERS.

2.3 ACCESSORIES

SHOW BUMPER SIZE AND LOCATION ON DRAWINGS.

- A. Bumpers: 1/4 inch thick molded polyethylene.
 - 1. Width: [24 inch] [42 inch]
 - 2. Height: [12 inch] [18 inch] [24 inch] [36 inch] [42 inch] [48 inch] high.

- B. Wear Panels: [12 inch] [24 inch] [36 inch] [48 inch] high, [1/8 inch thick ABS, pad type, color as selected by architect] [20 gauge stainless steel].

- C. Push Plates

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine opening in which door will be installed.

- B. Coordinate with responsible entity to perform corrective work on unsatisfactory conditions.

- C. Commencement of work by installer is acceptance of opening conditions.

3.2 INSTALLATION

- A. Follow manufacturer's instructions.

- B. Install door with necessary anchors, hardware and accessories.

3.3 ADJUSTING

- A. Follow manufacturer's instructions as required to:
 - 1. Clean and lightly lubricate operating parts.
 - 2. Adjust to open and close smoothly and freely without binding.
 - 3. Check seals for proper fit.

3.4 CLEANING

- A. Clean surfaces soiled by work as recommended by manufacturer.

- B. Remove surplus materials and debris from the site.

END OF SECTION