



Section 08220 – Corrosion Free Doors

CF 9000 Series

Part 1: General

1.1 Summary

1. ABS outer skin, foamed in place insulated Corrosion Free Doors.
2. Door types, sizing and location of each door shown on drawings and in schedules.

1.2 Submittals

1. Submit to architect door manufacturers product data, specifications and installation instructions for each type of door.
2. Indicate frame configuration, hardware cutouts and locations, reinforcements and finish.
3. Show door elevations and internal reinforcements.

Part 2: Products

2.1 General

1. Door panels shall be constructed with a Black “U” channel PVC perimeter extrusion all mounted to internal welded one piece 1 ¼” steel tubing with integral hardware reinforcing and steel gussets in all corners.
2. Doors have a 1/8” thick textured abrasive resistant ABS face sheet bonded to both sides of the PVC extrusion creating a one piece 1 7/8” exterior shell.
Color: From Manufacturers standard range to be selected.
3. Core consists of foamed in place high density non-CFC urethane bonded to the interior of the door shell obtaining an insulating “R” factor of 12.18

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4. Single pane vision panel to be one 1/4" clear acrylic sheet (Tinted Optional) mounted in a foamed in place recessed PVC frame all sealed to the door panel. The clear acrylic sheet is secured in place with a removable PVC bull nose extrusion; no fasteners shall penetrate the acrylic. Vision panels to be centered in the door panel at 60" from finish floor as standard.

Door Panel Size:	Vision Panel Size
Up to 30"	10 1/2" x 22 1/2"
30" up to 42"	14 1/2" x 22 1/2"
42" up to 60"	22 1/2" x 22 1/2"
Optional ADA	12" x 30"
Optional – Round	11" Diameter

Custom Sizes and locations are available as an option.

2.2 Manufacturers

1. Subject to compliance with requirements, provide products from the following. NO SUBSTITUTIONS

CMI Doors (A Division Of Cham Manufacturing Inc.)
4-111 Inksbrook Drive
Winnipeg, Manitoba
R2R 2V7
PH. # 1-866-229-2220
FX. # 1-866-331-3373
www.cmidoors.com

Impact Traffic Doors

Provide CMI Doors - Series CF9000 Insulated Corrosion Free Doors

COLORS: To be selected from manufacturer's standard range which include Forest Green, Cadet Blue, Montana Blue, Dolphin Gray, Metallic Gray, Charcoal Gray, Chocolate Brown, Beige, Red, Black, White, Taupe, Cappuccino and Burgundy.
Optional colors upon request.

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Part 3 Execution

3.1 Inspection

1. Inspect doors for damage upon arrival on site. Record and report any damages immediately.
2. Installer must examine site prepared frames to confirm doors will fit properly.
3. Commencement of work by installer is acceptance of opening Conditions.

3.2 Installation

1. Install doors as per manufacturers instructions and as shown on drawings and details.

3.3 Adjust and Clean

1. Adjust or replace frames that are not installed properly.
2. Rehang or replace doors that do not swing freely
3. Clean both door and frame with a light industrial soap once installation is complete.
4. Advise contractor of proper procedures required for protection of installed doors from damage or deterioration until acceptance of work.

3.4 Warranties

1. A one year limited warranty is offered against defects and workmanship door from the date of shipment from the factory.
2. A 10 year warranty is offered against degradation or failure due to corrosion.
3. All warranties stipulate correct installation, sizing requirements and no unauthorized field cuts or bores.

END OF SECTION 08220