

Plumbing Drainage & Specialties - Specification

For Commercial, Industrial & Institutional Facilities

Specification Category

Description

“FD”

Floor Drains	(Finished Areas and Shower Areas)
Floor Drains	(Mech. Rooms & Unfinished Areas / Floating Floors)
Floor Drains	(Mech. Rooms & Unfinished Areas – Combination Drains)
Floor Drains	(Transformer Rooms)
Floor Drains	(Chemical Resistant)
Floor Drains	(Parking Area Drains)
Floor Drains	(Wooden Floors)
Floor Drains	(Floor Drain with Surface Membrane Clamp)
Floor Drains	(Trench Grate and Frame / Trench Drain)
Floor Drains	(Planter Area)
Floor Drains	(Area Wells)
Floor Drains	(Pool Decks)
Floor Drains	(Stainless Steel Floor Drain)
Floor Drains	(Garage Catch Basin)

FLOOR DRAINS

FD1 FLOOR DRAINS - FINISHED AREAS AND SHOWER AREAS

Floor Drain for Non Membrane Floor Areas

MIFAB Series F1000-5-3 lacquered cast iron floor drain with anchor flange, weepholes, and standard heavy duty 5" diameter, polished stainless steel strainer. **(For membrane floors, use MIFAB F1000-C-5-3 Series). (For finished area funnel drain, use MIFAB F1100-C-EF-3).**

Floor Drain for Shower Areas

MIFAB Series F1000-C-5-3 lacquered cast iron floor drain with anchor flange, weepholes, and standard heavy duty, 5" diameter, polished stainless steel strainer.

FD2 FLOOR DRAINS – MECH. ROOMS, UNFINISHED AREAS / FLOATING FLOORS

Unfinished Area Floor Drain with 9" Round Adjustable Tractor Grate

MIFAB Series F1320-C-4 lacquered cast iron floor drain with anchor flange, cast iron clamp ring with primary and secondary weepholes for waterproofing membrane, and standard 1" (25) thick, 9" (225) diameter, ductile iron tractor grate. **(For non membrane floors, use MIFAB F1320 Series).**

Isolation Floor Drain with 9" Round Adjustable Tractor Gate

MIFAB Series F1620-C lacquered cast iron floor drain with upper and lower bodies and anchor flanges, cast iron membrane clamp rings with primary and secondary weepholes for waterproofing membrane, neoprene expansion compensator and standard 1" (25) thick, 9" (230) diameter ductile iron tractor grate.

FD3 FLOOR DRAINS – MECH. ROOMS & UNFINISHED AREAS – COMBINATION DRAINS

Funnel Floor Drain with 9" Round Adjustable Tractor Gate

MIFAB Series F1320-C-4-G-50 lacquered cast iron floor drain with anchor flange, cast iron clamp ring with primary and secondary weepholes for waterproofing membrane, and standard 1" (25) thick, 9" (225) diameter, ductile iron tractor grate, and a 4" x 9" (100mm x 228mm) cast iron funnel. **(For non membrane floors, use MIFAB F1320-4-G-50 Series).**

Funnel Isolation Floor Drain with 9" Round Adjustable Tractor Gate

MIFAB Series F1620-C-G-50 lacquered cast iron floor drain with upper and lower bodies and anchor flanges, cast iron membrane clamp rings with primary and secondary weepholes for waterproofing membrane, neoprene expansion compensator and standard 1" (25) thick, 9" (230) diameter ductile iron tractor grate, and a 4" x 9" (100mm x 228mm) cast iron funnel.

FD4 FLOOR DRAINS – TRANSFORMER ROOMS

Floor drains in transformer vaults

Mifab Series F1560-4-8-GS powder epoxy coated fabricated 10 gauge steel body, with heavy duty 300 mm x 300 mm (12 in. x 12 in.) ductile iron tractor grate. Drain body shall have grounding screw. Drain shall have side outlet connection, bronze backwater valve/flame arrestor assembly and gasketed internal cleanout cover.

FD5 FLOOR DRAINS - CHEMICAL RESISTANT

Chemical Resistant Floor Drain

MIFAB Series F1000-5-3-30-28 PVC body floor drain with anchor flange, weepholes, and solid cast 304 heavy duty, 5" diameter, polished stainless steel strainer. (For membrane floors, add "-C" to Series number).

FD6 FLOOR DRAINS – PARKING AREAS

Area Drain with 12" Square Adjustable Tractor Gate – Slab on Grade

MIFAB Series F1440-4 lacquered cast iron deep sump floor drain with anchor flange, weepholes and adjustable collar with standard 1" (25) thick, 12" (300) hinged square ductile iron tractor grate. **When sediment bucket is required use F1440-4-5.**

Area Drain with 12" Square Adjustable Tractor Grate - CSA S413-94

Mifab Series F1510-4-5 floor drain in parking structures and ramps complete with lacquered cast iron deep sump floor drain with anchor flange, double drainage weepholes, anti-ponding top, sediment bucket, membrane clamp and 1" (25) thick, 12" (300) hinged square ductile iron tractor grate. Drain to be supplied with membrane extension as required.

NOTE:

The Mifab Series F1510-4-5 complies with all requirements of CAN/CSA-S413-94 for materials and corrosion resistance.

FD7 FLOOR DRAINS - WOODEN FLOORS

Wood Deck Floor Drain

MIFAB Series F1230-WF-1 lacquered cast iron wood deck floor drain and 1-1/2" (38) wide securing flange and standard reinforced 5" (125) diameter nickel bronze rim and grate.

FD8 PLENAM FLOOR DRAINS - SURFACE MEMBRANE CLAMP

Floor Drain with Surface Membrane Clamp

MIFAB Series F1100-FC7-3 lacquered cast iron floor drain with anchor flange, weepholes, and "FC" 7" diameter heavy duty polished stainless steel strainer with surface membrane clamp. **(For membrane floors, use MIFAB F1100-C-FC7-3 Series).**

FD9 FLOOR DRAINS - TRENCH GRATE AND FRAME

12" Wide x 24" Long Trench Drain Grate and Frame

MIFAB Series T1200-F-4 - 12" (300) wide x 24" (610) long ductile iron trench drain grate with angle iron frame. Grates to have maximum 13/16" (21) openings. Supply in sections as indicated on drawings.

5-1/4" Wide x 12" Long Sloped Trench Drain Grate, Frame and Body

MIFAB Series T1320-FL-3 - 5-3/4" (146) wide x 12" (305) long type 304 stainless steel trench drain grate with frame, anchor flange and body with bottom no hub outlet. Grates to have heel and cycle proof maximum 3/8" (9) openings. Each 12" (305) long section is sloped 1/4" (6) from top to bottom. Supply in sections as indicated on drawings.

FD10 FLOOR DRAINS - PLANTER AREA

Small Body - Planting Area Drain

MIFAB Series F1810 - lacquered cast iron planting area drain with anchor flange, cast iron waterproofing membrane clamp ring, and standard self-locking cast aluminum dome strainer with stainless steel mesh screen.

Large Body - Planting Area Drain

MIFAB Series F1820 - lacquered cast iron deep sump planting area drain with anchor flange, large cast iron waterproofing membrane clamp ring, and standard self-locking large ductile iron dome strainer with stainless steel mesh screen.

FD11 FLOOR DRAINS – AREA WELLS

MIFAB Series F1320-C-4-18 lacquered cast iron floor drain with anchor flange, cast iron clamp ring with primary and secondary weepholes for waterproofing membrane, and a dome cast iron grate. **(For non membrane floors, use MIFAB F1320-4-18 Series).**

FD12 FLOOR DRAINS – POOL DECKS

MIFAB Series F1100-C-S5-49-30 PVC body floor drain with anchor flange, weepholes, and 5" square chrome plated strainer and membrane clamp.

FD13 FLOOR DRAINS – STAINLESS STEEL FLOOR DRAIN

MIFAB Series F1000-5-3-28 stainless steel body floor drain with anchor flange, weepholes, and standard heavy duty, 5" diameter, polished stainless steel strainer. **(For membrane floors, use MIFAB F1000-C-5-3-28 Series).**

FD14 FLOOR DRAINS – GARAGE CATCH BASIN

24" x 24" Heavy Duty Parking Area Catch Basin

MIFAB Series F1570-(A,B,C,D or E) powder epoxy coated heavy duty parking area catch basin with anchor flange, and extra heavy duty 24" x 24" (600 x 600) two section ductile iron grates with a free area of 200 sq. inches (129032). Grates to have maximum 13/16" (21) openings.

MIFAB Series T1200-FW-4 - 24" (610) wide x 24" (610) long ductile iron trench drain grate with angle iron frame. Grates to have maximum 13/16" (21) openings.