

**SECTION 22 1319
SANITARY WASTE PIPING SPECIALTIES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Floor drains.
- B. Cleanouts.

1.02 REFERENCE STANDARDS

- A. ASME A112.6.3 - Floor Drains; 2022.
- B. ASME A112.36.2 - Cleanouts; 2022.
- C. ASSE 1072 - Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices; 2025, with Editorial Revision.
- D. NSF 14 - Plastics Piping System Components and Related Materials; 2025.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide manufacturer's literature and data sheets for each product. Include information on fabrication materials, assembly of components, dimensions, ratings, finishes, rough-in requirements, and installed accessories.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. See Section 01 7419 - Construction Waste Management and Disposal for packaging waste requirements.
- B. Receive, inspect, handle, and store products in accordance with manufacturer's instructions.
- C. Keep products in original manufacturer's packaging and protect from damage until ready for installation.
- D. Store products under cover and protected from weather and dirt. Elevate above grade.
- E. Store plastic products protected from direct sunlight.

PART 2 PRODUCTS

2.01 GENERAL REQUIREMENTS

- A. Plastic Sanitary Waste Piping Specialties: Provide plastic products that comply with NSF 14.
- B. Source Limitations: Furnish drains and sanitary waste piping specialties of same kind by same manufacturer.

2.02 FLOOR DRAINS

- A. Cast Iron Floor Drains:
 - 1. Manufacturers:
 - a. MIFAB, Inc: www.mifab.com/#sle.
 - b. Zurn Water, LLC: www.zurn.com/#sle.
 - c. Or approved equal.
 - 2. Assembly: ASME A112.6.3.
 - 3. Body: Lacquered cast iron with anchor flange and membrane clamping collar with weepholes.
 - 4. Strainer: Adjustable, removable.
 - 5. Products: As indicated on drawings.

2.03 CLEANOUTS

- A. Manufacturers:
 - 1. MIFAB, Inc: www.mifab.com/#sle.
 - 2. Zurn Water, LLC: www.zurn.com/#sle.

3. Or approved equal..
- B. Floor Cleanouts:
 1. Assembly: ASME A112.36.2.
 2. Body: Lacquered cast iron.
 3. Closure Plug: PVC or ABS, threaded, gastight and watertight.
 4. Top: Adjustable.
 - a. Shape and Finish:
 - 1) All Locations, Unless Noted Otherwise: Round; nickel bronze.
 - 2) Carpet: Round; cover recessed for carpet inlay.
 - 3) Warehouse: Heavy duty; round; cast iron, ductile iron, or nickel bronze.
 5. Accessories:
 - a. Clamp ring and flange for floors with waterproofing membrane.
- C. Wall Cleanouts:
 1. Assembly: ASME A112.36.2.
 2. Body: Tee type; body material to match surrounding pipe.
 3. Plug: Bronze, threaded, gastight.
 4. Access Cover: Round, stainless steel wall access cover.

2.04 MISCELLANEOUS SANITARY WASTE PIPING SPECIALTIES

- A. Floor Drain Trap Seals:
 1. Manufacturers:
 - a. MIFAB, Inc; MI-GARD: www.mifab.com/#sle.
 - b. Zurn Water, LLC; Z1072: www.zurn.com/#sle.
 - c. Or approved equal.
 2. Assembly: ASSE 1072.
 3. Description: Push-fit EPDM or silicone fitting with one-way-flow membrane or flapper.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify conditions are satisfactory for installation prior to starting work.

3.02 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Maintain continuity of waterproofing membranes. Secure waterproofing membranes to drain clamping collars and bonding flanges.
- C. Install drains so strainers and grates are level and are at design elevation.
- D. Extend cleanouts to finished floor or wall surface. Ensure clearance at cleanout for rodding or jetting of drainage system.
- E. Install floor cleanouts to allow for floor finishes.
- F. Locate, provide, and install cleanouts in piping in accordance with adopted code.

3.03 CLEANING

- A. See Section 01 7000 - Execution and Closeout Requirements for additional requirements.
- B. Clean debris from drains.

3.04 PROTECTION

- A. Protect installed drains from accumulating dirt and debris through remainder of construction.
- B. Protect installed products from damage due to subsequent construction operations.

END OF SECTION