

Cleanout Selection & Specification Guide

Cleanouts provide access to drainage piping for cleaning out purposes. Since there are a variety of sizes, shapes and materials available, certain considerations must be made when selecting the right cleanout for installation. MIFAB offers many options that may be incorporated together for the perfect solution in all types of construction.

• SELECTION OF TOP

The first factor in selecting a top is to decide what shape would be most compatible with the area surrounding it. In most cases a round top is most easily oriented to the floor because it does not conflict with designs, nor does it require alignment to adjacent walls. For floors that are finished of materials in a square or straight-line



pattern, a square top is available, allowing alignment with tile and adjacent walls. Areas with finished floors, such as offices, hospitals; restaurants and modern manufacturing areas will require finished floor cleanouts. A regularly secured scoriated top is recommended in most cases. Finishes include nickel bronze and stainless steel. The type of traffic that the cleanout top must



withstand should be considered. For all loads, the stainless steel top can be used. It features a corrosion-resistant, non-skid finish that will not discolor and will look attractive with almost any surroundings. Vandal proof screws are available to prevent theft or damage to the inner components of the cleanout. **Specify suffix (-6) for Vandal proof screws.**

In areas with unfinished floors or areas with possible heavy load traffic such as boiler rooms, warehouses and heavy manufacturing facilities should have a ductile iron top specified. In areas where the cleanout is concealed, various access covers are available to allow access to the cleanout. A carpet marker should be specified in floors where a minimum showing of metal is desired to indicate the placement of the cleanout. **Specify suffix (-RC) for stainless steel carpet marker.**

SUGGESTED CLEANOUT SPECIFICATIONS:

Cleanouts connected to the drainage system shall be of the same size as pipe up to 4"(25) and not less than 4" (25) on larger sizes (and/or as required by local code.) Cleanouts shall be installed in the building drain as near as practicable to the inner face of the wall through which the drain passes. Where a building trap is inside the building, the cleanout shall be installed at the foot of each vertical sanitary or storm stack; at the end of drainage lines and at all changes of direction of 45 degrees or more. Cleanouts in horizontal drainage lines shall be at the intervals of no more than fifty feet on pipe up to 4"(25) in size and not more than one hundred feet on larger sizes (and/ or required by local code).

****Check to see if it is necessary to modify above paragraphs to meet local codes.**

****Cleanouts provide an emergency access to the drainage system. Ordinarily they are only opened where there is a blockage in the system when they are likely to release a head of sewage when opened. For this reason, the following general clause should be included.**

Whenever possible, cleanouts shall be installed so as to provide access from the finished floor. This applies at all floor levels. When cleanouts are located in membrane floors, they shall be supplied with a wide anchor flange and clamp device. Cleanouts in finished areas shall have adjustable round (square) satin stainless steel or nickel bronze tops with scoriated covers to match flooring as specified below.

****Suffixes with "R" have round tops and "S" have square tops. Select applicable catalog number. Polished stainless steel tops that will not oxidize and are heavy duty should be specified by adding suffix -3.**

- Finished Floors, (All Traffic)
C1000-R(S)-3; non membrane C1000C-R(S)-3; membrane
- Lino Tile Areas
C1100-T(TS) non membrane, C1100C-T(TS) membrane
- Ceramic and Terrazzo Areas
C1100-U(US) non-membrane C1100C-U(US) membrane
- Carpeted Floor Areas
C1100-RC non-membrane C1100C-RC membrane
- Unfinished or Outside Areas
C1100-XR Ductile Iron Top, non-membrane
C1100C-XR Ductile Iron Top, membrane
- Line Cleanouts

All exposed or accessible areas C1450

- Concealed Tile or Masonry
C1450-RD-3
- All Other Concealed Areas
C1450 w/ applicable access doors specified under access doors
- Stack Cleanouts

All exposed or accessible areas C1460
Concealed tiles or masonry areas C1460-RD-3

All other concealed areas C1460 w/Applicable Access Door specified under Access Doors

**** Author's suggestions to specifier**

() denotes optional square covers