



altro

Drains supplement for Altro flooring installation

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Disclaimer: These surface membrane clamping fixtures are ones that have the ability to firmly clamp and finish the flooring down and into the fixture at its surface to prevent moisture from penetrating and entering under the flooring.

Please be advised that this list is constantly changing as many of the manufacturers continuously update and design new surface membrane clamping fixtures. Please check with the manufacturer for suitable replacement models if one of our suggestions is no longer available.

For Altro flooring to be successfully installed in wet areas (i.e. kitchens, showers, bathrooms, etc) all penetrations must be finished properly to prevent moisture from leaking under the floor. This is done by mechanically fastening the flooring in place with surface membrane clamping plumbing fixtures. These fixtures clamp and seal the flooring edge to prevent moisture from penetrating underneath the flooring.

The following list will aid in the design and specification of mechanical and plumbing fixtures that can obtain an installation with the least potential of leakage possible. Remember to keep penetrations to a minimum, the fewer the penetrations the fewer points of potential problem in the installation.

CAUTION: In many cases a drain body will have weep holes incorporated into them for the use with a mid-slab moisture membrane. These are frequently used under ceramic tile so that if any moisture penetrates the ceramic tile or grout it can then escape down the drain by exiting the slab via the weep holes and into the drain. When installed, the Altro floor is a surface applied membrane and a mid-slab membrane, more specifically one that uses a drain body with weep holes, is not necessary. We ask that if the drain body specified has these weep holes, they're sealed so as not to allow moisture from inside the drain itself leaking back up and out the weep holes and potentially creating a floor failure. These weep holes can be closed off with a small amount of sealant applied into the weep hole.

Round drains



Pictured: Josam 30900-9AD

Commonly used in kitchens, showers, bathrooms, hydrotherapy, and other areas where there is a slope and pitch to the drain so as to allow water to not puddle and instead run to and down the drain. These fixtures must be of a surface membrane clamping type so as to prevent water penetration.

Recommended products:

- [Josam 30900-9AD](#)
- [Josam 30000-AD](#)
- [Josam 30200-AD](#)
- [Intersan 303077X](#)
- [Mifab F1100-C-FC](#)
- [Wade 1100-FC](#)
- [Jay R. Smith 2050/2051](#)
- [Zurn Z400H](#)
- [Zurn Z415H](#)
- [Blücher BFD-510](#)
- [Blücher BFD-530](#)
- [Blücher BSR-700](#)
- [Blücher BSR-800](#)
- [Watts FD-100-FC](#)
- [Watts FD-200-FC](#)
- [Watts FD-370](#)

Round cleanout



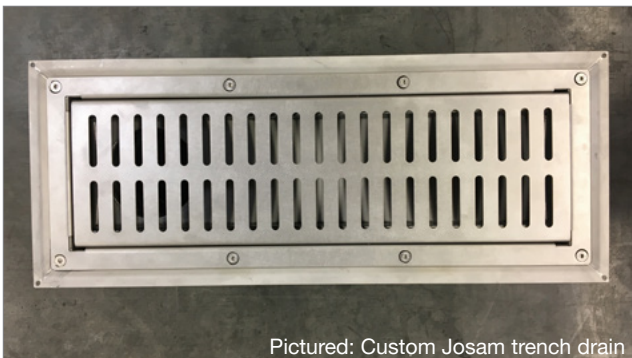
Pictured: Watts CO-200-RFC7

Round Cleanouts are found where cleanout access of the plumbing drainage system is required. These fixtures also need to be of a surface membrane clamping type.

Recommended products:

- [Mifab C1100-RFC](#)
- [Wade 8000-FC](#)
- [Watts CO-200-RFC7](#)
- [Josam 55000-CFC](#)
- [Blücher BCO-220](#)

Trench drain



Pictured: Custom Josam trench drain

Trench Drains are used in commercial kitchens and in most cases require special construction, these trench drains must always be of a surface membrane clamping type. Companies such as Blucher and Josam will make custom surface membrane clamping type trench drains if provided adequate lead time. These fixtures need to be solid and free from movement and flexing when made and installed in wider sizes and longer lengths.

Recommended products:

- [Josam 46200](#)
- [Blücher BTV6](#)
- [Blücher BWS-200](#)

Floor sinks



Pictured: Zurn Z1755

Floor Sinks are used primarily in kitchens and laboratories and they can be either porcelain or stainless steel. Floor sinks are commonly misunderstood and both used and installed incorrectly (for particulars of the use of mechanical/plumbing fixtures and their application please consult the current edition of the Uniform Mechanical Code). While porcelain floor sinks are seen in many kitchens and are frequently specified and used, these fixtures do not come in a surface membrane clamping type that Altro recommends. If a porcelain floor sink is specified and used, Altro's gully angle/edge is required to be fit and installed around the floor sink. This requires saw cutting into the concrete and flooring, then fitting to the gully angle/edge and heat-welded to it (the application of gully angle/edge cannot be used on wood subfloors). It is Altro's first choice and recommended preference that, whenever possible, floor sinks be of a surface membrane clamping type.

Recommended products:

- [Josam 45130](#)
- [Jay R. Smith SQ-9-3775](#)
- [Zurn Z1755](#)