

1. If it is a retrofit installation and the concrete floor needs to be cut, please cut a recess allowing for a minimum of 100mm clearance around the top of the floor drain to allow for fitting and installation.
2. Check the required floor height and ensure that in ground pipe connections are at the correct height. The finished floor drain top surface should be 1 to 1.5 mm below the desired finished floor level, also allowing for epoxy or other surface finish.
3. If connecting the floor drain to a socketed pipe connection suitable for trade waste pipe (e.g. 110mm or 160mm outside diameter), the outlet pipe of the floor drain will push directly into the socket. Ensure the minimum insertion depth into the socket is achieved as required by the pipe fitting manufacturer.
4. If connecting to non-socketed pipe (e.g. HDPE) flexible pipe connectors such as Dura, Fernco or similar, matching the outside diameter of the ground pipe and floor drain outlet pipe.
5. The floor drain needs to be set in position, so it does not move when pouring the floor concrete. A small amount of concrete or mortar bedding may be placed at the base of the floor drain to set the height and level, allowing time for the concrete/mortar bed to set firmly prior to the final floor concrete pour.
6. Bend the 3 x anchor tabs on the body of the floor drain to 90 degrees to assist with keying the floor drain into the concrete to be poured. These anchor tabs may also be tied to reinforcing to secure the position of the floor drain to prevent it from floating up during the floor concrete pour.
7. If equipotential bonding is required, connect the earth wire to the provision on the drain.
8. Consult with the designer or flooring contractor in relation to requirements for the detail required around the top of the floor drain for sealing. Some flooring contractors prefer a foam strip to be installed around the perimeter to the top of the floor drain, which is then removed after the concrete has set, to allow for sealant to be applied. When using an epoxy floor system it is recommended to have a wedge-shaped attachment zone in the area of the drain edge (see the left hand side of the schematic sketch).
9. Cover the floor drain with plywood or similar to prevent debris entering the floor drain or the drainage system.
10. Pour the floor concrete, ensuring the concrete is well compacted around and under the floor drain, fully supporting it.
11. Seal around the floor drain as per the designer/flooring contractors' requirements.
12. At the completion of the project construction phase, remove the temporary cover, clean the floor drain and install the accessories, outlet strainers, traps, baskets, covers etc.

