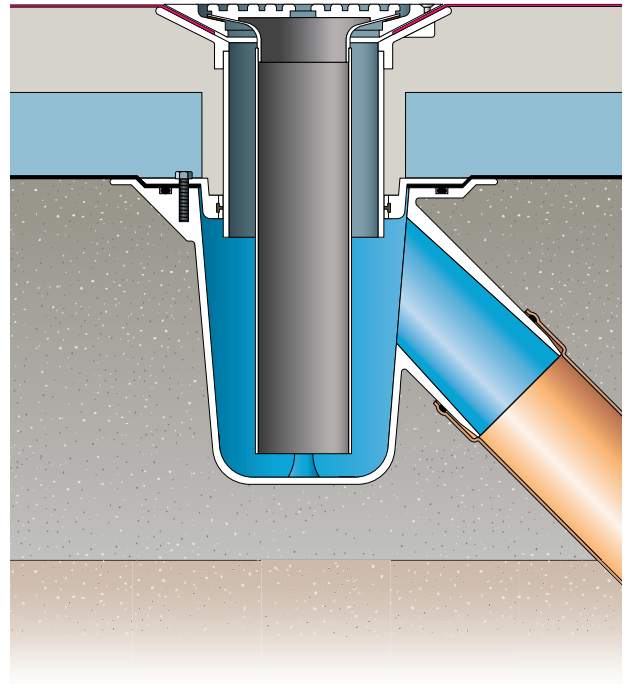


Floor Drains

Application Details

Trapped 45 Degree Spigot Outlet – Flexible Sheet Flooring

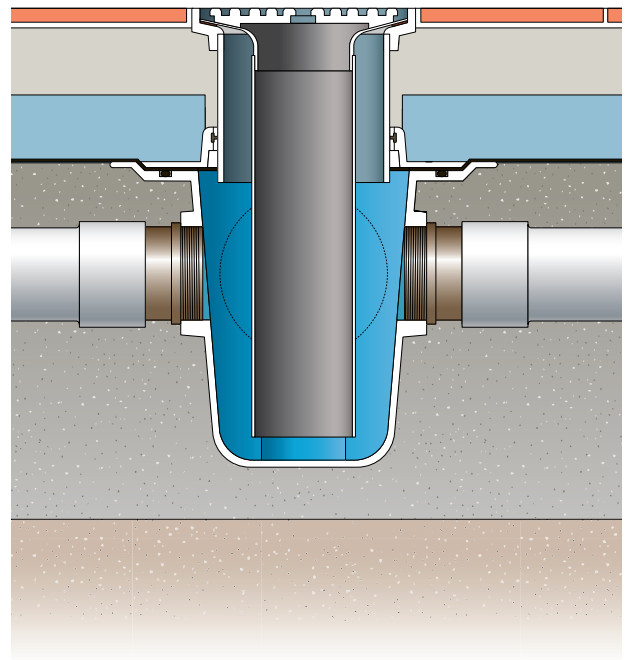
- Connect spigot of outlet body to exposed end of main pipe. Ensure the outlet flange is level with finished slab prior to casting in.
- Lay damp proofing membrane over concrete slab and outlet body. Fix clamping ring* into position. (D.P.M. can remain uncut over outlet to give protection to drainage from debris/waste etc., until screeding is ready to be laid, then the membrane can be cut out with a knife).
- Lay insulation.
- Remove Trap from Grate assembly. Insert bezel into clamping ring (using suitable lubricant to ease insertion/ movement) Adjust height to finished screed level.
- Lay screeded floor finish flush to top edge of grate flange.
- Lay flexible sheet flooring and cut out hole approx. 135mm dia. directly above outlet.
- Secure clamping ring of grate assembly to seal sheet flooring to outlet.
- Measure the distance that the trap projects above the grating, when inserted. Trim off this distance to allow it to sit within the bezel and re-fit grating.



TS/75 Body Assembly with FD/150CF Grate Assembly

Trapped Horizontal Spigot Outlet with inlets – Tiled Floor Finish

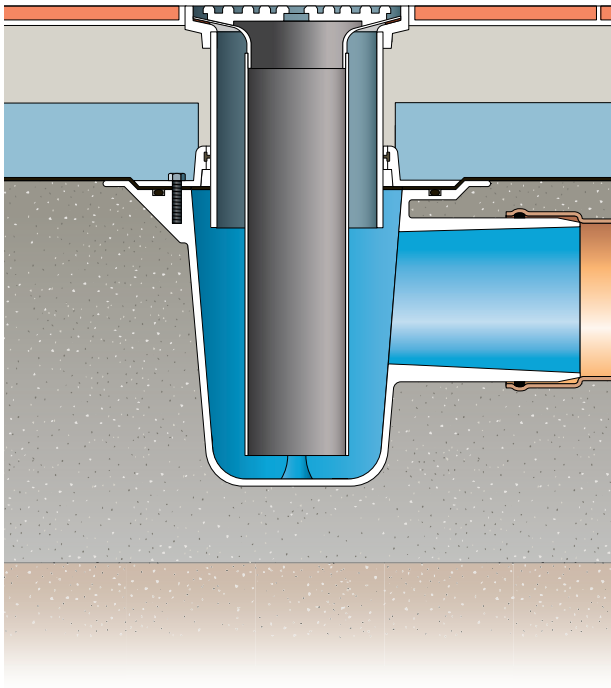
- Connect spigot of outlet body to exposed ends of pipes directly or using coupling/adaptors. Ensure the outlet flange is level with finished slab prior to casting in.
- Lay damp proofing membrane over concrete slab and outlet body and fix clamping ring* into position. (D.P.M. can remain uncut over outlet to give protection to drainage pipe work from debris/waste etc., until screeding is ready to be laid, whereupon the membrane can be cut out with a knife).
- Lay insulation.
- Remove Trap from Grate assembly. Insert bezel throat into clamping ring (using suitable lubricant to ease insertion/ movement) and adjust height to finished screed level.
- Lay screeded floor finish flush to a height below the grate level, that will allow for tiling to be laid flush with the grating and then lay floor tiles.
- Measure the distance that the trap projects above the grating when inserted and trim off this measured distance to allow it to sit within the bezel and re-fit grating.



THSA/100 with FD/150S Grate Assembly

Floor Drains

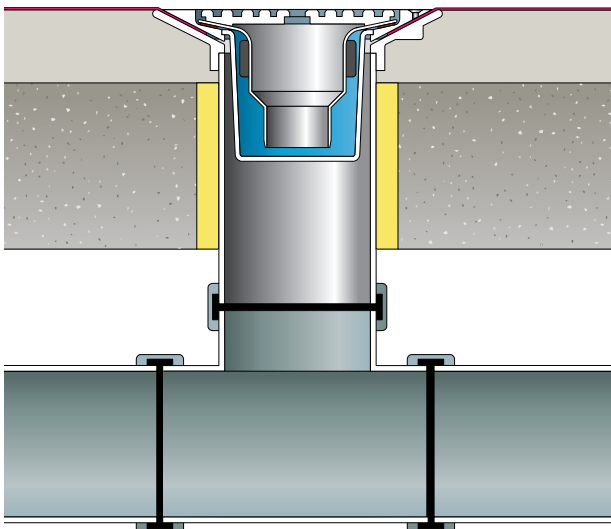
Application Details



THS/100 with FD/150S Grate Assembly

Trapped Horizontal Spigot Outlet – Tiled Floor Finish

- Connect spigot of outlet body to exposed end of pipe directly or using coupling/adaptors. Ensure the outlet flange is level with finished slab prior to casting in.
- Lay damp proofing membrane over concrete slab and outlet body and fix clamping ring* into position. (D.P.M. can remain uncut over outlet to give protection to drainage pipe work from debris/waste etc., until screeding is ready to be laid, whereupon the membrane can be cut out with a knife).
- Lay insulation
- Remove Trap from Grate assembly. Insert bezel throat into clamping ring (using suitable lubricant to ease insertion/ movement) and adjust height to finished screed level.
- Lay screeded floor finish flush to a height below the grate level, that will allow for tiling to be laid flush with the grating and then lay floor tiles.
- Measure the distance that the trap projects above the grating, when inserted, and trim off this measured distance to allow it to sit within the bezel and re-fit grating.



ADV/150CF/CI Advantage Trapped Grating Assembly
with thin wall Cast Iron throat

Advantage Trapped Grate Assembly – Suspended Floor – Flexible Sheet Flooring

- After completion of slab installation, form an opening to allow Advantage assembly to be installed (approx 165mm – 170mm diameter gives sufficient clearance to allow retardant foam to be used).
- Locate the Advantage assembly in the opening and, temporarily, secure so that the grate will finish level with the finished screed.
- Connect spigot/throat of Advantage to pipework with proprietary coupling.
- Infill gap between Advantage spigot and concrete slab with fire retardant foam.
- Lay screeded floor finish flush to top edge of grate/bezel flange.
- Lay flexible sheet flooring and cut out hole approx. 135mm dia. directly above outlet.
- Secure clamping ring of grate/bezel assembly to seal sheet flooring to outlet.

*The clamping ring, on the Trapped Floor Drains, is manufactured with a small "weep" hole to allow any trapped water within the screed to drain into the outlet body. If pressure testing of the drainage system will be required, ensure that the bung supplied has been left in place to seal the "weep" hole.