

## Technical Bulletin 13

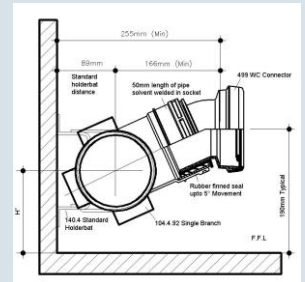
### Connecting WC Pans to Soil Pipe

An alternative and easy method of collecting and discharging a range of WC Pans is using a horizontal pipework float above the floor slab. The Soil float connects direct to the receiving soil stack also above floor slab level.

The flow velocity in the horizontal drainage pipework will be controlled by the installed gradient, pipe diameter, and resulting hydraulic mean depth. The horizontal float is typically installed at a 1° gradient, 17mm/m (1:60). It is possible to connect up to 7 WC pan's either side of the soil stack before secondary ventilation is required, this is based on BS 5503 WC pans with a spigot outlet height of 190mm (centre) from floor slab.

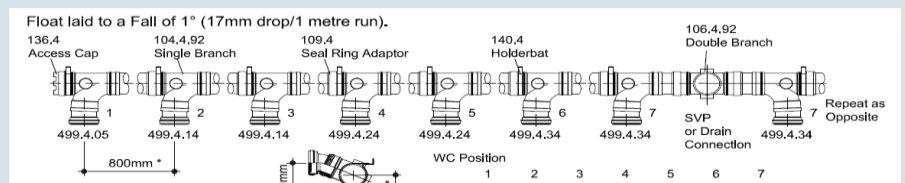
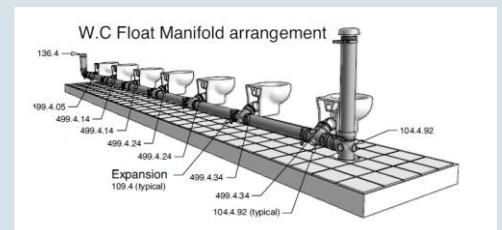
#### Installation procedure

- Step 1– For minimum dimensions solvent weld 50mm pipe length into the 104 single branch socket to provide sleeve.  
Note: to extend the distance between the WC connector and the branch solvent weld a longer length of pipe into the branch socket.
- Step 2- Position and fix the branch to the wall
- Step 3 – Fit finned rubber seal onto the connector spigot
- Step 4 – Push the spigot of the WC connector into the sleeved branch socket (Do Not Lubricate)
- Step 5 – Lubricate connector rubber seal to accept WC spigot
- Step 6 – Align connector socket so that it is square with WC spigot



#### Advantages:

- Easy to Install
- Easy to access pipework for maintenance
- Reduced Number of builders work holes through floor slab



For further assistance please contact our Technical Team on:

+971 (0) 4 807 3000 [middleeast@polypipe.com](mailto:middleeast@polypipe.com) [www.polypipe.com/middleeast](http://www.polypipe.com/middleeast)