

Sub.: Standard measurements for Plumbing works in Bathrooms & Kitchens.

Few standard measurements and guidelines are to be followed in all sites are as follows:

1. Bathroom GI Fittings:
 - Wall mixture – 33” from FFL
 - Wall mixture for tubs – 27” from FFL
 - Wall mixture - center to center between GI pipes should be 6” to 6.5”.
 - Wall mixture - center to center height for shower bend 6” to 6.5”.
 - Wall mixture should be centered at 15” from finished wall.
 - Shower (also for tub) – 6’6” from FFL
 - Angle cork for basin – 15” from FFL
 - Angle cork for WC – 6” from FFL
 - Health faucet or bib cork for WCs – 15” from FFL
 - Geezer angle corks – 7’6” from FFL for more than 9’ ceiling heights in the bathrooms or else 6’6”. Do not place them at 7’.
 - Bib cork for wash area – 2’ from FFL
 - Long body taps for sinks – 9” above granite top.
 - Ball valve for loft tanks – above 6” from loft.
 - Acquaguard (water filter) point should be 5’6” from FFL
2. Distances from center of pipe for PVC fittings:
 - IWC – S trap - 12” from finished wall
 - EWC - S trap, cascade type - 6” from finished wall
 - Anglo India WC – S Trap - 12” from finished wall
 - EWC - P trap, cascade type – 6” from FFL.
 - Wall mounted EWC P trap, cascade type – 6” above FFL. EWC top should be 17” above FFL.
 - Wash basin bottle trap – 1 ½” PVC pipe – 20” from FFL
 - Nahni trap – 6” from finished wall – corners preferred.
 - Nahni trap for tubs – check tub size – generally 11” from finished wall.
3. Bathrooms must be divided into wet and dry areas. Shower should be on the furthest end of the bathroom.
4. Provide ½ to 1” drop using marble/granite patti of 2 ½” width, half chamfered - 45°, at a distance of 36” from the wall(or as specified).
5. Provide only 1 nanhi trap in the shower area. Connect basin with 50mm PVC pipe to floor trap.
6. Use core cutting and hang 3”/4” PVC pipe under the ceiling using U clamps. Core cutting must be packed and water proofed. Wherever possible EWC P trap must be towards the external wall to avoid core cutting.
7. In villas where toilets are not above toilet on the lower floor, wherever possible EWC should be fixed on the external wall and chip CC floor by 1” and install nanhi trap at floor level to avoid core cutting.
8. Bathroom floor should be ½” below flat/villa FFL. However, in case of errors or unusual additions and alterations, where bathroom floor is level or above villa/flat floor level – add wooden threshold ½ to 1” below floor level.
9. Flats with utility area can provide separate pot wash (bib cock) with washing machine point (angle cock) on opposite ends. Pot wash should be dropped down by 1” with marble patti like in bathrooms at a distance of 3’. For smaller utility without pot wash areas 2 in 1 CP fittings must be provided.
10. Geyser points for bungalows with solar heaters must be changed as per specs. given separately.