

Assignment No # 02

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Soil Pipes and Anti Siphon Pipes

Soil Pipes:

Our soil and waste system are manufactured in the UK by Flotplast in one of Europe most technology advanced factories. The result is a high quality soil and waste pipes and fittings that are tough and durable yet lightweight and simple to install.

Anti Siphon Pipes:

The size of Anti siphonage pipes merits careful consideration but ~~not~~ no hard and fast rule can be laid down. For a single fitting the sectional area of the Anti siphonage pipe need not be ~~more~~ much more than half that of the waste pipe.

As a rule air will therefore pass through the soil pipes and through the siphonage pipes connected with them. The main anti siphonage pipe is generally connected with to the upper continuation of the waste pipe above the highest fitting this ~~independently to~~

economises piping and is quite as effective as carrying it up. independently to the same height as the waste pipe vent.

Q2

Sanitary fixtures and traps.

Sanitary fixtures:

Sanitary fixtures are installed in different areas. bathtubs, wash and shower sumps, traps and bidets are installed in bathrooms, washrooms and shower rooms. Toilet bowls, lavatory pans and urinals of various types, whether equipped with flush tanks or traps are installed in lavatories. Washers, sinks and drains are installed in kitchens.

Sanitary traps:

A trap is a device which is used to prevent sewer gases from entering the buildings. The traps are located below or within a plumbing fixture and retains small amount of water. The retaining

The retaining water creates a water seal which stops foul gases going back to the building from drain pipes. Therefore all plumbing fixtures such as sinks, washbasins, bathtubs and toilets etc. are equipped with traps.

This article tells you the features of traps, various types of traps and water seals.

Q3

Cross connection and back siphonage control.

Cross connection:

A connection is plumbing installation through which water may possibly pass to or come in contact with another part (as a water in a bathtub that may at times be below the water level of the tube).

BACK SIPHONAGE control:-

Back siphonage is one type of back flow. Back siphonage.

The flowing back of used, contaminated or polluted water from a plumbing fixture or vessel into a potable water supply because of negative pressure in the pipe. Branch - Any part of the piping system other than the main, riser, or stack.