REGION TYPE 10
Patent Registration No: MY05-0026
THE REVOLUTIONARY FLOOR GULLY

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Advantages

- All pipings are fully embedded in the floor slab, therefore no unsightly protruding pipes from floor below.
- As the piping doesn’t punch through the floor slab, the possibilities of water leakage is eradicated.
- The top access removable retention cup ensures easy and convenient maintenance. Debris or valuables accidentally washed down can be easily cleared or safely retrieved by opening up the cover.
- We can even opt to not installing the false ceiling if the system is used in conjunction with water closet c/w ‘p’ trap. This would increase the head room in the bathroom apart from reducing the construction cost.
- The installation method is simple and fast. It requires much lesser fittings than conventional system and thereby saving installation time.
- When the piping are embedded, the channel for the spread of fire from floor to floor is minimised. This enhance the safety of the building.
- It is competitively priced and value for money.

- Its gratings allow a room of 19-25 mm for alignment with the floor tile orientation
- Suitable to be used at balcony, kitchen, dry yard and bathroom

Fig. 3: Adjustable to suit the floor tile orientation

For different slab thickness, simple extension from both the gully body and the retention cup can be done by using normal upvc pipe. Therefore, it saves cost and is easy and convenient to install.

Maintenance is simple and convenient. Just open the cover and remove the retention cup to empty its content. Any blockages along the connecting pipe can be easily cleaned via the opening of the floor gully. Such system will be very useful for multi storey buildings especially where occupants do not have to inconvenience by their neighbours below.

Fig. 4: Simple method of extension

- It enables an interlink of maximum 3 nos of floor traps before discharge to the dropper/stack

Fig. 5: Interlink of maximum 3 nos. of floor traps
Region floor gully is revolutionary in its engineering design. It addresses the common pitfall of the conventional floor gully system. During the design conceptual stage, we prioritize strongly on the safety and convenience for the building occupants. Hustle free and easy maintenance regime is also incorporated into our design to suit today’s hectic life style.

**PRODUCT FEATURES**

Region floor gully fully embedded in the slab

*Fig. 1: Region floor gully embedded in the slab*

- The floor gully body is designed and manufactured in a single piece with thick wall to enable it to be easily installed and fully embedded in the floor slab.

- Sanitary water discharge horizontally to the dropper/stack via outlet measuring dia 50 mm.

- All the inlets and outlet are designed in taper shape and coupled with a stopper ring to ensure a secure connection to the pipe.

- It provides 2 inlets with dia 32 mm and dia 50 mm. The former is for basin and the later is for sink, air-cond drainage adaptor or bath tub to be discharged into the floor trap.

*Fig. 2: Tapered joint*

- The cylindrical portion of the cover is always immersed in the water which fills the retention cup. It forms a good water seal of 50 mm in compliance to BS EN 1253: 2003. It prevents foul odours and domestic insects from creeping up to the interior building. The retention cup further acts as a catchment trap to filter debris or accidentally washed down valuables.

- It comes with a black cover which functioned as an anti blockage against concrete remnants or debris especially during the concreting stage.

- It offers 5 options of elegant grating designs, namely Rossabelle in upvc material, Essabelle in both upvc and stain steel material and Essabelle for tile placement in both ABS and stainless steel material.
**INSTALLATION PROCEDURE**

1. Clean both ends of the BS 5255 upvc pipe. Join the pipe to the tee socket and floor gully by using pipe adhesive.

2. Secure the assembly set onto the formwork by nailing into the holes provided on the stands. Get all relevant pipings eg. Basin, air-cond, bathtub and sink connected. Cover the gully body with black cover to prevent concrete from flowing in during casting. The inlet and outlet can be opened using chisel and hammer after casting.

3. After casting, remove the formwork.

4. After water proofing, then proceed to cement screeding. At tiling stage, install grating frame to flush with the floor tiles.

5. Tighten the retention cup to the track of the interior body follow by the grating cover.

**TEE SOCKET 6' TS6**

**TEE SOCKET 4' TS4**