Purpose

To provide best practice guidance to plumbing licensees on the preferred installation method for floor waste gullies to prevent odours and smells occurring.

The impact of installing the floor waste at grade could mean that waste may enter the gully when the drain is under load. This has been exacerbated recently by the installation of water saving devices which no longer flush the floor waste gullies and could result in residents experiencing odour problems from the floor waste.

Best practice installation of floor waste gullies

Building Codes Queensland (BCQ), in consultation with local government plumbing inspectors, recommend that plumbers and drainers use best practice installation techniques for floor waste gullies as outlined in the information and attached diagram below. This will ensure the height of the gully’s weir is 100 millimetres higher than the graded discharge pipe connecting the gully to the drain, avoiding odour problems from occurring.

The recommended method of installation is not currently a requirement of Australian Standard AS3500. However, to avoid consumer dissatisfaction, it is recommended this method of installation be adopted. BCQ is considering options to legislate this installation method as a requirement in Queensland.

The best practice installation of floor waste gullies mean that they shall:

• be of the self-cleansing type
• have the top of the gully riser provided with a grating to relieve surcharge, and
• where installed below ground—
  – be supported on a concrete footing of a thickness not less than 100 millimetres, with a width not less than 100 millimetres beyond the sides of the gully and extending upwards to not less than 100 millimetres above the base of the gully, and
  – have the top of the gully riser protected from damage at finished surface level by means of a concrete surround or other authorised product, and
  – have the weir of the gully 100 millimetres above the invert of the drain (internal floor waste gullies).

Diagrams showing the correct method of installation are provided on the following page.
Correct method of installation

![Diagram showing correct method of installation]

NOTE: THIS 'STRAIGHT' CONFIGURATION NOT ACCEPTABLE.

Contact for more information

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