



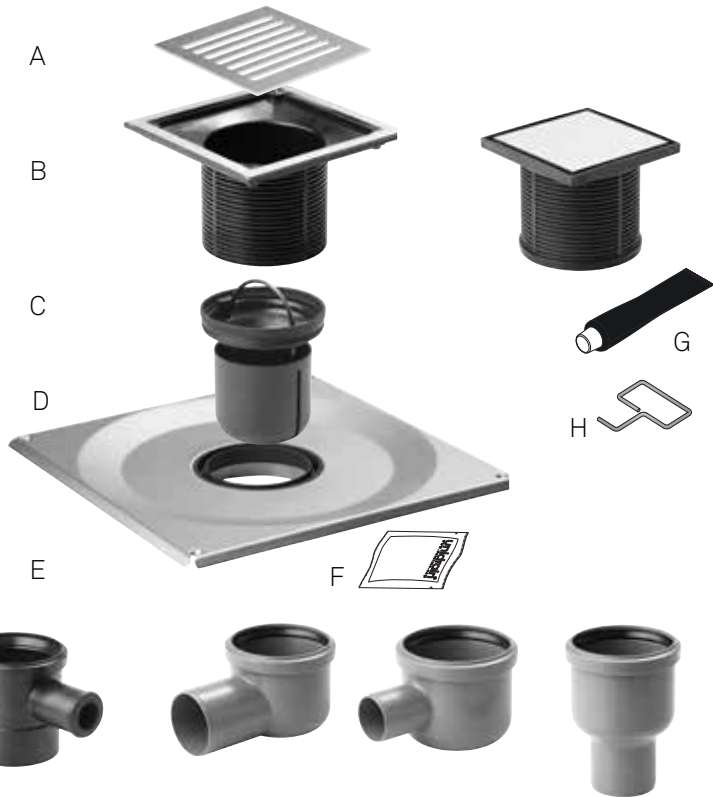
≡≡≡ unidrain®

Unidrain Square Installation
Guide

OVERVIEW

UK

- A Grating
- B Frame or custom panel
- C Water trap
- D Drain unit
- E Outlet housing
- F Cleaning Wipe
- G Glue (Highline Custom only)
- H Hook (Highline Custom only)






Height adjustable feet for concrete



PREPARATION

1		<p>Outlet gasket should be greased.</p>
2		<p>The outlet unit should be attached to the drain unit. If the outlet unit is already fitted, go to step 3.</p>

SIDE INLET

3		<p>If side inlets are to be used, the 'wall' should be knocked out with 3-4 taps around the inner edge with a normal hammer and a flat-headed screwdriver/chisel.</p> <p>Water trap does not cover side inlets.</p>
4		<p>Side inlet pipe diameter is 50 mm.</p> <p>3 rubber nipples are provided for pipe connection: 1 x 32 mm and 2 x 40 mm. NB! The grey pipe and socket shown are not included.</p>
5		<p>NB: Any side inlet pipes may only be inserted to a depth of 50 mm.</p>

PIPE INSTALLATION

6



Pipes should be installed with a minimum 2% fall.

NB: all outlet pipes should be securely fixed.
The outlet pipe from the square drain is 75 mm in diameter

7



The water trap is fitted in the outlet and filled with water to prevent any unwanted odour in the construction phase.

8



Water trap shown here separated and together with the top ring which ensures correct positioning in the outlet unit.

9



Water trap with top ring fitted to the drain unit

CASTING

10



The rubber gasket provides a flexible solution whereby the drain unit can be bent and adjusted by 8-10 mm up or down.

11



The drain unit should be checked with a spirit level.

12



Casting of concrete floor

NB: it is important for the drain unit to be supported securely by the concrete all the way round.

13



When the concrete is dry (pale grey in colour), the next step can be started.
Contact the concrete supplier for the exact drying time.

WETROOM MEMBRANE

14



The concrete surface should be prepared with a concrete primer to seal the surface and provide better adhesion.

NB: the steel surface of the drain unit must not be primed/prepared.

15



Cut the reinforcing tape to the required length. Remember to clean the steel surface before applying the membrane.

NB: always follow the wetroom supplier's specific recommendations for use.

16



Reinforcing tape should be fitted around all 4 sides of the drain unit and layed/sealed onto the wetroom membrane.

NB: wetroom membrane and reinforcing tape should overlap by at least 40 mm. [EN1253]

17



A proper wetroom membrane with full coverage is always recommended whatever the floor construction.

NB: the relevant national wetroom rules and the wetroom supplier's specific recommendations should always be followed as a minimum.

TILE FRAME

18



ClassicLine tile frame with rubber gasket is 75 mm high overall.

Shown here with ClassicLine Column grating.

19



The tile frame should be trimmed to fit the tile thickness including adhesive = **tile layer***

20



Groove 2 = 6 - 8 mm *tile layer
Groove 3 = 10 - 12 mm *tile layer
Groove 4 = 14 - 16 mm *tile layer
Groove 5 = 18 - 20 mm *tile layer
etc.

The gasket should be fitted to the frame after cutting to the correct length/height.

TILE FRAME AND TILE-LAYING

21



Tile frame with gasket is placed in the groove in the drain unit.

22



When the tile frame has been trimmed, the tiles can then be cut right up to the frame, to create a 2 mm gap between the frame and the tile.

23



Finished tiling.

CUSTOM BASE SOLUTION



The tile template should be placed in the frame, then the tile can be cut tight to the template.



When the tiles have been laid tight to the template, the tile for the panel can be cut.



The Custom Base tile is glued.

