

Section 1. – Universal WetFloor Drains
1.4 WetFloor 304 – All-in-One: Code 111061 (For Vertical Installations)
WetFloor 304 – All-in-One: Code 111062 (For Horizontal Installations)
1.4.1 Definition: Universal Wet Floor Drain (with trap)**1.4.2 Product introduction:**

A Universal Floor Drain designed, amongst others for ease of installation and ensuring a High Quality Finish.

The **WetFloor Drain** is an ideal cost effective Complete Drain for use in Horizontal Applications and is supplied where specified, in a sealed easy to use box with comprehensive installation instructions for the installer/end users convenience.

The **WetFloor Drain**, comprises of the following components: An F-Box which forms the main body of the drain which houses the trap and other components to produce the end product and are available in one discharge/outlet size (50mm) and is made from ABS plastic for durability, impact resistance and is SANS-0252-2 compliant.

Our special water proofing flange which is made from ABS plastic is compatible with all conventional methods and applications of water proofing.

A Well made of polypropylene forms the base of the 75mm deep trap and a Well Cap made of polypropylene which fits securely onto the Well is responsible for creating a complete trap which prevents odours from escaping from the drain. The M-sert made of ABS plastic, houses an attractive aesthetically pleasing satin finished, 304 graded stainless steel, grate which is the final step to achieving a High Quality Finish.

1.4.3 Key Benefits:

- a. Certified by Agrément SA Cert no: 2017/541.
- b. Easy to install ensuring a quality finish.
- c. Supplied as a Complete Unit: All-in-One drain.
- d. Average flow rate 48 litres per minute.
- e. If the Waterproofing Flange is not needed due to the drain not needing to be waterproofed, a Hostaform Ring & Rubber Seal is supplied to replace it and to house the M-sert.
- f. The F-Box is manufactured from ABS plastic for its durability, impact resistance.
- g. Supplied Water Seal / Trap 75mm deep. Can be reduced in height if required.
- h. The large Waterproofing Flange is manufactured with Fail Safe weep holes and is compatible with all conventional methods and applications of waterproofing.
- i. The M-sert is height and square adjustable to obtain an optimal flush finish with the desired finish (tiles/screed etc). (FFL)
- j. The Well & Well Cap are both height adjustable should the M-sert be adjusted.
- k. Manufactured from sustainable & recyclable materials.

1.4.4 Applications:

- Can be used as a controlled sealed drainage point for most/all applications (internal and external) however, when it is NOT installed with intentions to use as a trap, for example when it is not connected to a vented sewer line, simply **Do Not** install the supplied Well Trap and recycle it!

1.4.5 Installation:

Once the desired point of installation has been selected and identified, make sure of the Finished Floor Level (FFL) before starting your installation.

PLEASE NOTE: Handle all Seaqual Products with care and store unused products and materials in a safe place. When gluing our product preferably use Oatey's Heavy Duty PVC Glue and allow the appropriate drying time.

- 1.4.5.1 Read instructions and check that all components are supplied.
- 1.4.5.2 If necessary, make use of the eye lugs found on the body of the F-Box to assist in securing it during installation.
- 1.4.5.3 Special care must be taken while securing the F-Box to its selected PVC outlet size, by applying the accepted specified glue/solvent cement.
- 1.4.5.4 Ensure that the F-Box is square and level and flush with the top of the proposed slab. (FSL)
- 1.4.5.5 Temporarily connect the Rubber seal and the Hostaform Ring to the F-Box and temporarily connect the M-sert to the F-Box, ensuring that NO dirt or debris can enter the drain during the final concrete pour.
- 1.4.5.6 Once the concrete has cured and the final screed has been applied with its correct falls to the drain, remove the M-sert Hostaform Ring and Rubber Seal to install the Special Waterproofing Flange.
- 1.4.5.7 Insert the Special Waterproofing Flange and adjust its height accordingly so that it lies flush with the top of the finished screed height ensuring it is embedded and caulked with a cement mix. Temporarily re-insert the M-sert ensuring that NO dirt or debris can enter the drain while the waterproofing /screed/tiling phase commences.
- 1.4.5.8 **Waterproofing can commence as soon as the cement has dried/cured and should be done by a specialist or a qualified agent who MUST be informed NOT to block the Weep Holes of the flange which acts as a Fail Safe by working to the given mark on the Flange.**
NOTE: If the Waterproofing Flange is NOT NEEDED due to the drain not needing to be waterproofed simply discard and recycle it. Replace the Waterproofing Flange with the supplied Hostaform Ring & Rubber Seal and connect the M-sert to the F-Box by pushing it securely in and continue with the procedure below. If the Waterproofing Flange is being installed for waterproofing, simply discard and recycle the Hostaform Ring & Rubber Seal.
- 1.4.5.9 Once the final finished floor level has been determined of the installed tiles and or the floor finish, trim the body/base of the M-sert accordingly so that the finished floor is flush with its top. (FFL)
- 1.4.5.10 If the M-sert has been reduced by more than 25mm you *may* need to reduce the height of the Well & Well Cap. This can easily be done by cutting equal selected measurement of both the Well and the of the Well Cap by making use of the fine lines provided on each member which are depicted in 5mm increments. *NOTE: The Well & Well Cap must only be adjusted if the M-sert is adjusted*
- 1.4.5.11 Once all trades are completed with their work and the area surrounding the Drain and it is free of dirt and dust, apply a small amount of plumbers lube (supplied) to the “O” Ring of the Well” (which forms the base of the Water Trap) and insert it into the F-Box creating a snug fit.
- 1.4.5.12 Insert the Well Cap onto the Well ensuring a snug fit. When WetFloor 304 is NOT installed with intentions to use as a trap, for example not connected to a vented sewer line, simply Do Not install the supplied Well Trap and recycle it!
- 1.4.5.13 Lastly remove the grate from its plastic and insert into the M-sert. Tile height is flush!!

Congratulations you are a proud installer/owner of another High Quality finished Seaqual product.

1.4.6 Maintenance requirements of the drain:

Unblock, Clean & Maintain your Shower Drain:

https://www.youtube.com/watch?v=WexEwy_XOLE

NOTE: It is important to keep the WetFloor Drain well maintained and cleaned by either the user or a plumber and should be done regularly according to a maintenance plan or when:-

- The shower / surface water has become noticeably slow while draining away
- The shower / surface water has become blocked and cannot drain away

In which case apply the following:

- 1.4.6.1 Check that debris has not formed a blockage on the Grate. If this is the case simply remove and discard the debris!

Seaqual Technical Data Sheet – WetFloor 304



- 1.4.6.2 Remove the grate and carefully inspect the Well Trap situated within the F-Box for any foreign matter. (e.g.: Hair, Soap/greasy residue etc.)
- 1.4.6.3 Remove the Well Trap and remove the blockage then clean with warm soapy water.
- 1.4.6.4 Clean the F-Box.
- 1.4.6.5 Insert the clean Well Trap.
- 1.4.6.6 Test the system by flushing water through the drain and once satisfied, insert the grate.
- 1.4.6.7 Should the problem persist please call your local Plumber for additional assistance. There may be a blockage further down the drainage line.

****Should any technical assistance be needed during your installation please call our help line +27 (0)44 382 3484 from Monday - Thursday from 8am till 5pm & Fridays from 8am till 3pm. Alternatively send an email to tech@seaqual.co.za. ****

Please contact us for alternative Product Technical Data Sheets.

1. F-Box WetFloor Drain^{1st} Fix Pack Options
2. F-Box WetFloor Drain^{2nd} Fix Pack Options
3. F-Box Full-Bore HyDrain
4. F-Box Full-Bore BalconyDrain

1.4.7 F-Box WetFloor Drain Complete Product Data Table:

Product Name	WetFloor Drain All-in-One 50mm Bottom Outlet SS 304 Square Hole Grate	WetFloor Drain All-in-One 50mm Side Outlet SS 304 Square Hole Grate
Product Code	111061	111062
Product Image		
Outlet Outer Diameter in mm	56mm	56mm
Outlet Inner Diameter in mm	50mm	50mm
Total Height	222mm	180mm
Width at Widest Point	250mm x 250mm – Flange	250mm x 250mm – Flange
Total Weight of Product	0.720kg	0.720kg
Height Adjustable	Yes	Yes
Compatible with all Seaqual Grates	Yes	Yes
Protection Feature	Yes – Dust covers Weep Holes in Flange	Yes – Dust covers Weep Holes in Flange
Product Warranty	5 years	5 years
Product Application	Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain.	Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain.
Flow Rate (average)	48 L/min	48 L/min

Design Data		
Auto CAD	Yes	Yes
Revit	Yes	Yes
Packaging Data		
Packaging info	Bagged with Instructions	Carton with Instructions
Units / Outer Box	9	4
Total Weight of Outer Box	6.48 kg	2.88 kg
Outer Box Dimensions in mm	520mm x 280mm x 620mm	520mm x 280mm x 620mm
Product Barcode	6009801767215	6009819880562
Outer Box Barcode	16009801767212	16009819880569

1.4.8 Terms & Conditions of Product Warranty

On the conditions appearing below Seaqual warrants that the products it manufactures are free from defect for the periods set out in Warranty Period column for use in the manner described in the Application column.

Seaquals range of products are made from different types of plastics which determines their longevity. Research into the various plastics Seaqual uses indicates that the life expectancy of the various materials ranges from 50 to 100 years and for this reason Seaqual can confidently offer the lengthy warranties set out in the schedule. Under this warranty Seaqual undertakes to replace any item that does not last for the period of the warranty provided that the following conditions are met:-

- 1.4.8.1 Any failure of the product has not been caused by abuse of the Product;
- 1.4.8.2 The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
- 1.4.8.3 In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
- 1.4.8.4 The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
- 1.4.8.5 The claim is submitted on line to the Technical Director, Seaqual (Pty) Ltd at tech@seaqual.co.za or in writing to Seaqual at 5 Fechter Street, Knysna Western Cape;
- 1.4.8.6 Photographs of the defective Product are submitted with the claim, Seaqual reserving the right to call for the defective Product itself should the photographs be insufficient evidence of any alleged defect (this within Seaquals sole discretion);
- 1.4.8.7 The claim is limited to the actual replacement of any defective product at no cost to the purchaser/claimant and does not cover any consequential losses that the purchaser may contend he or she has suffered.

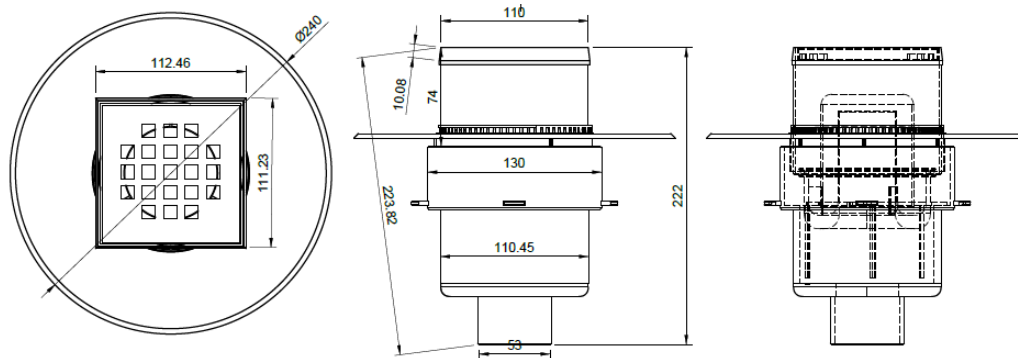
NOTE: The 5 year warranty excludes any component of the product which is not manufactured by Seaqual such as the rubber seals, nuts and bolts. These items carry a 2 year warranty against manufacturer defects. Please note that Seaqual cannot be held responsible for inaccurate installation processes.

Seaqual Technical Data Sheet – WetFloor 304



1.1.9 Technical drawings

Email tech@seaqual.co.za for 2D & 3D CAD or Revit Drawings of WetFloor Drain 304 All in One.



1.4.10 Certifications



Seaqual (Pty) Ltd is ISO9001:2015 Certified.

WHOLLY MANUFACTURED IN SOUTH AFRICA – Tariff Heading / HS Code 3922.90.90

These products are available through most Plumbing Merchants within South Africa and can be viewed on our website: <http://www.seaqual.co.za>.

Request for quotations or placing of orders can be sent to orders@seaqual.co.za