

Seaqual Technical Data Sheet – WetFloor Drain

Section 1. – Universal WetFloor Drains

1.1 F-Box Floor WetFloor Drain 1st Fix Packs

1.1.1 Definition: Universal Wet Floor Drain

1.1.2 Product introduction of the WetFloor Drain 1st Fix Packs.

A Floor Drain designed for ease of installation and ensuring a High-Quality Finish.

The **WetFloor Drain** is supplied in two easy to use packs, **1st Fix** and **2nd Fix**, for the installer/end user's convenience.

The **WetFloor Drain 1st Fix**, primary function is to act as a connecting reducer effectively connecting the 2nd Fix to the required plumbing pipe.

The **WetFloor Drain 1st Fix** comprises of the following components: A F-Box which forms the main body of the drain which houses the trap and other components to product the end product, are available in both Horizontal and Vertical discharge points with two outlet sizes (50 mm and 75 mm), is made from ABS plastic for durability and is impact resistant and is SANS 0252/2 compliant for Single Stack Systems.

A **Waterproofing Flange** which is made from ABS plastic is compatible with all conventional methods and applications of water proofing.

2 x **Round Red Dust Covers**, made from HDPE, are supplied for the protection of the F-Box & Waterproofing Flange during the construction phase.

1.1.3 Key Benefits:

- a. Certified by Agrément SA Cert no: 2017/541.
- b. High Flow Rate of 48L/min.
- c. The large Waterproofing Flange is manufactured with Fail Safe weep holes and is compatible with all conventional methods and applications of waterproofing.
- d. Available in Horizontal or Vertical discharge points to choose from with two different diameter (50 mm or 75 mm) outlets.
- e. F-Box is manufactured from ABS plastic for its durability & impact resistance.
- f. The Round Red Dust Cover protects the F-Box unit by preventing foreign objects from obstructing it during construction.
- g. Easy to install ensuring a quality finish.
- h. Large range of 2nd Fixes provided (mix and match).
- i. Manufactured from sustainable & recyclable materials.
- j. 5-year warranty against manufacturer defects.

1.1.4 Applications

- Can be used as a controlled drainage point for most / all applications (internal and external) where waterproofing and/or a water seal may be required.

1.1.5. 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.

WetFloor 1st Fix Installation:

- 1.1.5.1 Read instructions and make sure that all components are supplied.
- 1.1.5.2 If necessary, make use of the eye lugs found on the body of the F-Box.
- 1.1.5.3 Special care must be taken while securing the F-Box to its selected PVC outlet size, by applying the Oatey's High Pressure Glue in conjunction with the appropriate fittings.

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- 1.1.5.4 Ensure that the F-Box is square, level and flush with the proposed screed and waterproofing finish and that the Round Dust Cover is securely fitted before the final concrete pour.
- 1.1.5.5 Once the concrete has cured and the final screed has been applied with its correct falls to the drain, remove the Red Dust Cover to install the Waterproofing Flange.
- 1.1.5.6 Apply Oatey's Heavy Duty PVC Glue to the outlet of the Waterproof Flange and fit it onto the F-Box while ensuring it is embedded and caulked in a cement mix, until it is flush on the surface and then fit the second Round Dust Cover over the Weep Holes to protect the drain during the waterproofing phase.
- 1.1.5.7 Waterproofing can commence as soon as the cement has dried / cured and **should be done by a specialist or an authorised qualified agent.**

WetFloor 2nd Fix Installation – Select and Purchase a WetFloor 2nd Fix Pack:

- 1.1.5.8 Commence with 2nd Fix by selecting one of the options available which suits the finish you require. Remove the Round Red Dust Cover from the Waterproof Flange and temporarily insert the M-Sert 110 / M-Sert 200 / TileGrate M-Sert 200.
- 1.1.5.9 Once the final finished floor level (FFL) has been determined of the installed screen / tiles / floor finish, trim the base of the M-Sert body (if required) accordingly, so that the finished floor is flush with its top.
- 1.1.5.10 Once all trades are completed with their work and the area surrounding the Drain is clear and dirt / dust free, apply a small amount of plumber's lube to the O ring of the Well (which forms base of the water trap) and insert it into the F-Box creating a snug fit.
- 1.1.5.11 Insert the Well Cap over and into the Well ensuring a snug fit.
- 1.1.5.12 Lastly, remove the grate from its plastic and insert onto the M-Sert.

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

1.1.6 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 when: -

- The shower / surface water has become noticeably slower when draining away.
- The shower / surface water has become blocked and cannot drain away.

In which case, apply the following:

- 1.1.6.1 Check that debris and now formed a blockage on the Grate. If this is the case, simply remove the debris and discard.
- 1.1.6.2 Remove the grate and carefully inspect the Well Trap (Well and Well Cap combined) situated within the F-Box for any foreign matter (e.g., hair, soap / greasy residue etc.)
- 1.1.6.3 Remove the Well Trap and remove the blockage then clean with warm soapy water.
- 1.1.6.4 Clean the F-Box.
- 1.1.6.5 Insert the clean Well Trap.
- 1.1.6.6 Test the system by flushing water through the drain and once satisfied, insert the grate.
- 1.1.6.7 Should the problem persist, please call your local Plumber for additional assistance as 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 8am till 5pm & Fridays from 8am till 2pm. Alternatively send an email to tech@seaqual.co.za ****

Please contact us for alternative Product Technical Data Sheets.





1. WetFloor Drain 2nd Fix Pack Options

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2. WetFloor Drain Complete Options
3. LoLo Drain Options
4. Full-Bore HyDrain Options
5. Full-Bore Balcony Drain Options

1.1.7 F-Box WetFloor 1st Fix Product Data Table:

Product Name	WetFloor/Balcony 1 st Fix Pack 50mm Side Outlet	WetFloor/Balcony 1 st Fix Pack 50mm Bottom Outlet	WetFloor/Balcony 1 st Fix Pack 75mm Side Outlet	WetFloor/Balcony 1 st Fix Pack 75mm Bottom Outlet
Product Code	097710	097744	097745	097746
Product Image				
Total Height	104mm	133mm	115mm	135mm
Outlet Outer Diameter in mm	56mm	56mm	75mm	80mm
Outlet Inner Diameter in mm	50mm	50mm	70mm	75mm
Width at widest point	250mm x 250mm - Flange	250mm x 250mm - Flange	250mm x 250mm - Flange	250mm x 250mm - Flange
Total Weight of Product	0.395kg	0.385kg	0.434kg	0.390kg
Height Adjustable	Yes	Yes	Yes	Yes
Compatible with all Sequal Grates	Yes	Yes	Yes	Yes
Protection Feature	Yes – Dust Cover Weep holes in flange	Yes – Dust Cover Weep holes in flange	Yes – Dust Cover Weep holes in flange	Yes – Dust Cover Weep holes in flange
Product Warranty	5 Years	5 Years	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.	Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain.	Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain.
Flow Rate (average)	125 L/min	95 L/min	140 L/min	115 L/min
Design Data				
Auto CAD	Yes	Yes	Yes	Yes
Revit	Yes	Yes	Yes	Yes
Packaging Data				
Packaging info	Clear plastic bag with header card	Clear plastic bag with header card	Clear plastic bag with header card	Clear plastic bag with header card
Units / Outer Box	15	15	15	15
Total Weight of Outer Box	6.625kg	6.475kg	7.210kg	6.550kg

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Outer Box Dimensions in mm	520 L x 280 W x 620 H	520 L x 280 W x 620 H	520 L x 280 W x 620 H	520 L x 280 W x 620 H
Product Barcode	6009819880357	6009819880340	6009819880555	6009819880319
Outer Box Barcode	16009819880354	16009819880347	16009819880552	16009819880316

1.1.8 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:-

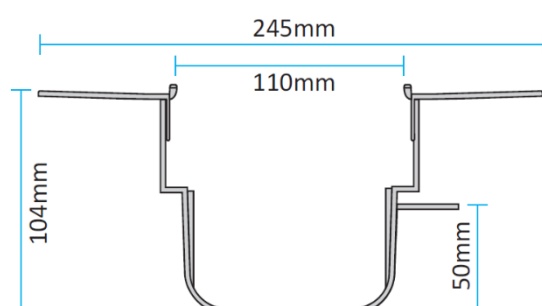
- 1.1.8.1 Any failure of the product has not been caused by abuse of the Product;
- 1.1.8.2 The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
- 1.1.8.3 In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
- 1.1.8.4 The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
- 1.1.8.5 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;
- 1.1.8.6 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);
- 1.1.8.7 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.

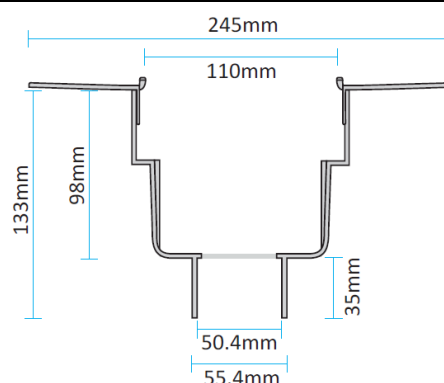
1.1.9 Technical drawings

Email tech@seaqual.co.za for 2D & 3D CAD or Revit Drawings of WetFloor Drain 1st Fix Packs.

097710 - WetFloor Drain 50mm S/O:



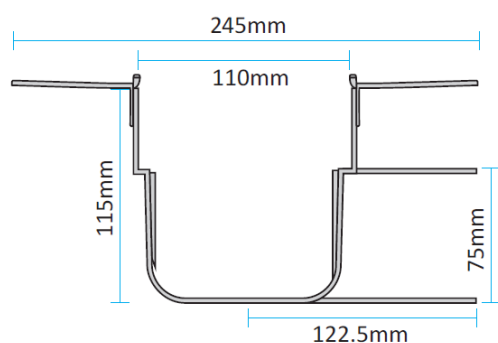
097744 – WetFloor Drain 50mm B/O:



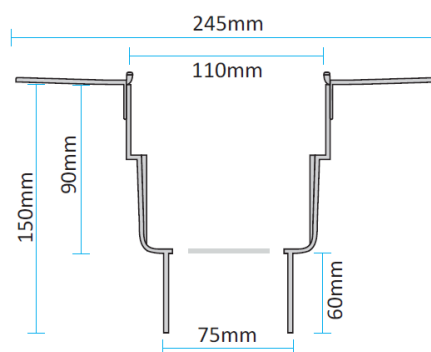
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097745 – WetFloor Drain 75mm S/O:



097746 – WetFloor Drain 75mm B/O:



1.1.10 Certifications

Seaqual F-Box WetFloor Drainage System

Tested and approved fit-for-purpose for used as a floor drainage system when manufactured in accordance with

CERTIFICATE 2017/541



Seaqual Full-Bore Drainage System

Tested and approved fit-for-purpose for use as a roof or balcony drainage system when manufactured in accordance with

CERTIFICATE 2017/540



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