Seaqual Technical Data Sheet – VitylDrain

Section 1. – Universal WetFloor Drains

1.8   F-Box Floor VitylDrain 1st Fix Packs

1.8.1   Definition: Universal Wet Floor Drain

1.8.2   Product introduction of the VitylDrain 1st Fix Packs.

A Floor Drain designed for ease of installation and ensuring a High-Quality Finish, specifically where vinyl flooring has been specified.

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

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

The **VitylDrain 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.

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

1.8.3   Key Benefits:

   a. High Flow Rate of 48L/min.
   b. Available in Horizontal or Vertical discharge points to choose from with two different diameter (50 mm or 75 mm) outlets.
   c. F-Box is manufactured from ABS plastic for its durability & impact resistance.
   d. The Round Red Dust Cover protects the F-Box unit by preventing foreign objects from obstructing it during construction.
   e. Easy to install ensuring a quality finish.
   f. Manufactured from Green sustainable & recyclable materials.
   g. 5-year warranty against manufacturer defects.

1.8.4   Applications

Specifically designed for use where vinyl flooring has been specified and can be used as a controlled drainage point for most / all applications (internal and external) where waterproofing and a water trap may be required.

1.8.5.   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.

   1.8.5.1   Read instructions and make sure that all components are supplied.
   1.8.5.2   If necessary, make use of the eye lugs found on the body of the F-Box.
   1.8.5.3   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.
   1.8.5.4   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.
   1.8.5.5   Once the concrete has cured, remove the Red Dust Cover.
   1.8.5.6   Temporarily insert the M-Sert Waterproofing Flange and adjust its height accordingly to the height of the finished floor level (FFL). **Note – Only a VitylDrain 2nd Fix can be used.**

1.8.5.7 Ensure that a waterproofing agent is specified and added to the screed. ***Waterproofing should be done by a specialist or a qualified agent.***

1.8.5.8 Screed the slab and float the VitylDrain Flange Flush with the top of the screed.

1.8.5.9 Once the screed has cured, apply the vinyl flooring as per manufacturer instructions.

1.8.5.10 Apply vinyl into the VitylDrain Flange with adhesive.

1.8.5.11 Insert the Vityl Screw Insert and screw down tightly onto vinyl compressing it until flush.

1.8.5.12 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.

1.8.5.13 Insert the Well Cap over and into the Well ensuring a snug fit.

1.8.5.14 Clip the grate into position.

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

1.8.6   Maintenance requirements of the drain:

NOTE: It is important to keep the VitylDrain 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:

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

1.8.6.2 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.)

1.8.6.3 Remove the Well Trap and remove the blockage then clean with warm soapy water.

1.8.6.4 Clean the F-Box.

1.8.6.5 Insert the clean Well Trap.

1.8.6.6 Test the system by flushing water through the drain and once satisfied, insert the grate.

1.8.6.7 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**
2. **WetFloor Drain Complete Options**
3. **LoLo Drain Options**

Seaqual Technical Data Sheet – VitylDrain

1.8.7 F-Box VitylDrain 1st Fix Product Data Table:

Product Name	VitylDrain 1st Fix Pack 50mm Side Outlet	VitylDrain 1st Fix Pack 50mm Side Outlet Low Profile	VitylDrain 1st Fix Pack 50mm Bottom Outlet	VitylDrain 1st Fix Pack 75mm Side Outlet	VitylDrain 1st Fix Pack 75mm Side Outlet Low Profile	VitylDrain 1st Fix Pack 75mm Bottom Outlet
Product Code	097810	097811	097812	097813	097814	097815
Product Image						
Total Height	104mm	85.8mm	135mm	116.75mm	105mm	158.5mm
Outlet Outer Diameter in mm	56mm	56mm	56mm	75mm	75mm	75mm
Outlet Inner Diameter in mm	50mm	50mm	50mm	70mm	70mm	70mm
Total Weight of Product	0.270 kg	0.235 kg	0.260 kg	0.290 kg	0.275 kg	0.300 kg
Compatible with all Seaqual Grates	No	No	No	No	No	No
Protection Feature	Yes – Dust Cover	Yes – Dust Cover	Yes – Dust Cover	Yes – Dust Cover	Yes – Dust Cover	Yes – Dust Cover
Product Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Product Application	Any Wet Floor area requiring a trapped drain and has vinyl flooring	Any Wet Floor area requiring a trapped drain and has vinyl flooring	Any Wet Floor area requiring a trapped drain and has vinyl flooring	Any Wet Floor area requiring a trapped drain and has vinyl flooring	Any Wet Floor area requiring a trapped drain and has vinyl flooring	Any Wet Floor area requiring a trapped drain and has vinyl flooring
Flow Rate (average)	48 L/min	48 L/min	48 L/min	48 L/min	48 L/min	48 L/min
Design Data						
Auto CAD	Yes - 2D	Yes - 2D	Yes - 2D	Yes - 2D	Yes - 2D	Yes - 2D
Revit	Yes	Yes	Yes	Yes		
Packaging Data						
Packaging info	Clear Bag	Clear Bag	Clear Bag	Clear Bag	Clear Bag	Clear Bag
Units / Outer Box	20 units	20 units	20 units	20 units	20 units	20 units
Total Weight of Outer Box	7kg	6kg	6.6kg	7kg	6.6kg	7kg
Outer Box Dimensions in mm	520mm x280mm x 620mm	520mm x280mm x 620mm	520mm x280mm x 620mm	520mm x280mm x 620mm	520mm x280mm x 620mm	520mm x280mm x 620mm

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Product Barcode	6009801767840	6009801767864	6009801767857	6009801767895	6009801767888	6009801767871
Outer Box Barcode	16009801767847	16009801767861	16009801767854	16009801767892	16009801767885	16009801767878

1.8.8   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:-

1.8.8.1   Any failure of the product has not been caused by abuse of the Product;
1.8.8.2   The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
1.8.8.3   In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
1.8.8.4   The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
1.8.8.5   The claim is submitted online to the Technical Director, Seaqual (Pty) Ltd at tech@seaqual.co.za or in writing to Seaqual at 5 Fechter Street, Knysna Western Cape;
1.8.8.6   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
1.8.8.7   evidence of any alleged defect (this within Seaquals sole discretion);

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.

1.8.9   Technical drawings

Email tech@seaqual.co.za **for 2D CAD or Revit Drawings of VitylDrain 1st Fix Packs.**

1.8.10   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

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