

**Section 4: Internal Drainage Solutions****4.1 EezyPlumb****4.1.2 Definition:**

EezyPlumb is an innovative and unique Plumbing Connection Hub, utilised to connect all household plumbing and appliances to the sewerage system, allowing for the collection and disposal of wastewater from baths, showers, handwash basins, kitchen sinks, washing and dishwashing machines from the relevant plumbing unit into the sewerage system.

**4.1.3 Product introduction:**

- a. EezyPlumb is a complete and world first, Plumbing Hub,
- b. Incorporating a wastewater trap and water supply connection, designed to ensure an easy and standardised installation and maintenance procedure, providing space saving under cupboard applications, manufactured to be cost effective and durable, versatile in its applications and being aesthetically pleasing with a 'Quality Finish'.
- c. EezyPlumb creates a water seal / wastewater trap with a required and specified depth of seal, necessary to prevent the passage of sewerage gas, from the sewerage system through the trap.
- d. EezyPlumb is designed in such a way to prevent the lodgement of solid matter in the waste trap and allow for a minimum "Rate of Waterflow" through the waste trap.
- e. EezyPlumb also includes water supply securing positions for locating a hot and cold-water inlet.

This is a proudly South African product, manufactured in Knysna and a patented world first.

Patent numbers ZA2010/06677

**4.1.4 Key Benefits:**

- a. EezyPlumb is cost effective.
- b. Easy to install resulting in lower labour cost.
- c. Standardised installation procedure for every application
- d. It's a huge space saver when installed in a cupboard.
- e. Aesthetically pleasing
- f. Provides a superior water seal against sewer odors and harmful gasses.
- g. Can be built into interior and external walls.
- h. Multi-functional purpose Plumbing Hub.
- i. Secure and Easy maintenance procedure (maintenance can be performed by anyone) and if done by an outsider, he/she do not have to enter the privacy of your home.
- j. Due to the tubular design of the EezyPlumb wastewater trap, it is highly unlikely that solids will deposit in the pipe, ensuring continuous wastewater flow.
- k. Provides a superior water seal and waste discharge rate.

**4.1.4 Applications:**

- "EezyPlumb" can be utilised in all scenarios where wastewater must be drained into a sewerage system, and to connect water supply to various plumbing scenarios, i.e.:  
**Handwash basins, kitchen sinks, wash troughs, washing and dishwashing machine points, baths and showers.**

**4.1.5 Manufacturer's Installation Instructions****4.1.5.1 EezyPlumb Installation Instruction for use externally in a masonry wall.**

**Typical applications: Bath, Shower, Hand Wash Basin, Kitchen Sink**

- 1.4.5.1.a Provide an 220mm opening in the wall (240mm W x 170mm H) in the preferred connection position for the sanitary fixture.

- 1.4.5.1.b Leave a 75mm opening in the brickwork in the centre of the opening, to later accommodate the wastewater pipe from the unit to the sewer.
- 1.4.5.1.c It is advised that the installer protect the inside of the unit by means of a durable plastic membrane and masking tape, to ensure the wastewater trap not being damaged during the installation process.
- 1.4.5.1.d Insert the EezyPlumb unit in the opening & connect a 250mm piece of 50mm Ø PVC pipe to the rear inlet and bottom outlet of the unit, by means of Oatey's Heavy Duty PVC Glue.
- 1.4.5.1.e Make sure the wastewater pipe under this opening is in the correct position inside the wall, and that it is in the centre of the opening, approximately 43mm from the front of a brick wall that is going to be plastered and painted.
- 1.4.5.1.f Connect the wastewater inlet and outlet to the sanitary fitting and drainage, by means of a 50mm coupling.
- 1.4.5.1.g Fill up at the back and sides of the units, as well as around the 50mm PVC pipes, with a mortar mix or plaster to create a tight fit.
- 1.4.5.1.h When the final wall finish has been done (plastered and painted), fix the cover onto the front of the EezyPlumb unit by means of the screws provided.
- 1.4.5.1.i Please note installation measurements are based on precise data. It is advised that the installer adjusts the measurements to suit specifications of on-site installation.

#### **4.1.5.2 EezyPlumb Installation Instruction for an internal fit.**

##### ***Typical applications: Washing / Dishwashing machine***

- 1.4.5.2.a Provide a 220mm opening in the wall (240W x 170H) in the preferred connection position for the sanitary fixture.
- 1.4.5.2.b Leave a 75mm opening in the brickwork in the centre of the opening, to later accommodate the wastewater pipe from the unit to the sewer.
- 1.4.5.2.c It is advised that the installer protect the inside of the unit by means of a durable plastic membrane and masking tape, to ensure the wastewater trap not being damaged during the installation process.
- 1.4.5.2.d Insert the EezyPlumb unit in the opening & connect a 250mm piece of 50mm Ø PVC pipe to the rear inlet and bottom outlet of the unit, by means of Oatey's heavy Duty PVC Glue.
- 1.4.5.2.e Make sure that the wastewater pipe under this opening is in the correct position inside the wall and that it is in the centre of the opening, approximately 43mm from the front of a brick wall that is going to be plastered and painted.
- 1.4.5.2.f Connect the wastewater outlet to the 50mm pipe connected to drainage system, by means of a 50mm coupling.
- 1.4.5.2.g Fill up at the back and sides of the unit, as well as around the 50mm PVC pipes, with a mortar mix or plaster to create a tight fit and smooth finish.
- 1.4.5.2.h Position the copper water pipes in the horizontal slots on top of the EezyPlumb unit so it is ready for later connection to the sanitary appliance / fixture.
- 1.4.5.2.i When the final wall finish has been done (tiles / paint), fix the cover onto the front of the EezyPlumb unit.
- 1.4.5.2.j Fit the sanitary water inlets to the copper pipes, after the final length of copper pipe has been determined.
- 1.4.5.2.k Screw the provided washing / dishwashing machine attachment into the wastewater inlet. (to ensure a watertight fit, utilize plumbers' tape and ensure the attachment is in a level position).
- 1.4.5.2.l Connect the waste pipe of the sanitary fixture / appliance onto the washing machine attachment, by means of a suitable size screw clamp.
- 1.4.5.2.m Please note the installation measurements are based on precise data. It is advised that the installer adjusts the measurements to suit specifications of on-site installation.

#### **4.1.6 Maintenance**

**NOTE: The EezyPlumb Plumbing Hub has been designed with the minimum maintenance in mind. It is however necessary to monitor the waste water discharge on a regular basis.**

**This should be done regularly according to a maintenance plan, or when in the unlikely event: -**

- The water has become noticeable slow while draining away
- The water has become blocked and cannot drain away

# Sequal Technical Data Sheet – EezyPlumb



## In which case apply the following: -

Cleaning the Wastewater trap is a simple procedure and involves removing the Cover plate and removing a clamp on the tubular pipe and flushing water through the pipe and thereby clearing all obstruction.

Additional assistance be required please send a detailed email with photographs to: [tech@sequal.co.za](mailto:tech@sequal.co.za).

### 4.1.7 EezyPlumb Product Data

#### 4.1.7.1 Table A:

Product Name	EezyPlumb Internal Installation	EezyPlumb External Installation
Product Code:	111222	111223
Product Image:		
External Dimensions: L x B x H in mm	225x102x170 mm	225x102x170 mm
Weight in kg:	1.25kg	1.25kg
Depth of seal in mm	75mm Deep Seal Trap	75mm Deep Seal Trap
Maximum Temperature Waste Trap can withstand	95°C	95°C
Flow Rate (average)	69 L/min	69 L/min
Size of outlet in mm	50 mm	50 mm
Size of inlet in mm, when utilized in Kitchen sink, Hand washbasin, bath and wash trough applications	N/A	50 mm
Size of inlet in washing machine /dishwashing machine application	25mm	N/A
Design Data		
Auto CAD	No	No
Revit	No	No
Packaging Data		
Packaging info	Printed box with installation instructions	Printed box with installation instructions
Units per Outer Box	8 Units	8 Units
Total weight of Outer Box	8.6kg	8.6kg

<b>Outer Box dimensions in mm</b>	520mm x 280mm x 620mm	520mm x 280mm x 620mm
<b>Product Barcode</b>	6009881255121	6009881255138
<b>Outer Box Barcode</b>	16009881255128	16009881255135

#### 4.1.8 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.

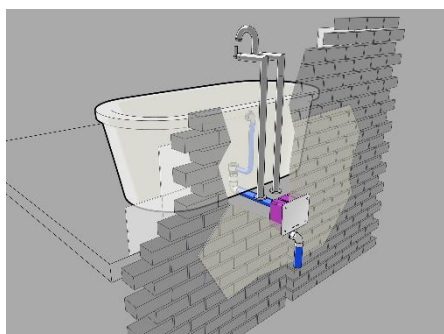
Seaquals range of products are made from different types of plastics which determines their longevity. Research into the various plastics Seaqual uses indicates that the life expectancy of the various materials ranges from 50 to 100 years and for this reason Seaqual can confidently offer the lengthy 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:-

- 4.1.8.1. Any failure of the product has not been caused by abuse of the Product;
- 4.1.8.2. The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
- 4.1.8.3. In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
- 4.1.8.4. The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
- 4.1.8.5. 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;
- 4.1.8.6. 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);
- 4.1.8.7. 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.

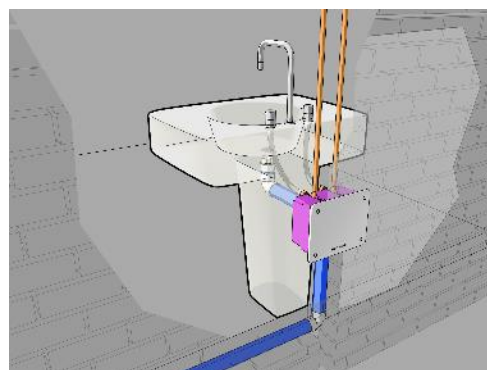
**NOTE: The 5 year warranty excludes any component of the product which is not manufactured by Seaqual such as the rubber seals, nuts and bolts. These items carry a 2 year warranty against manufacturer defects. Please note that Seaqual cannot be held responsible for inaccurate installation processes.**

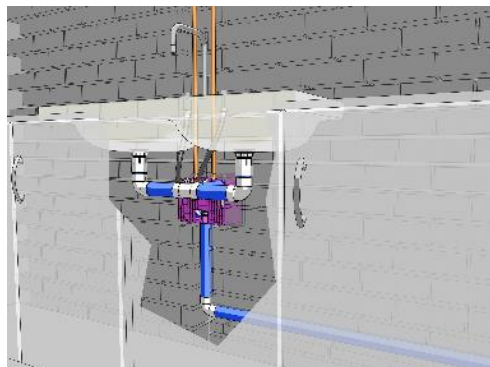
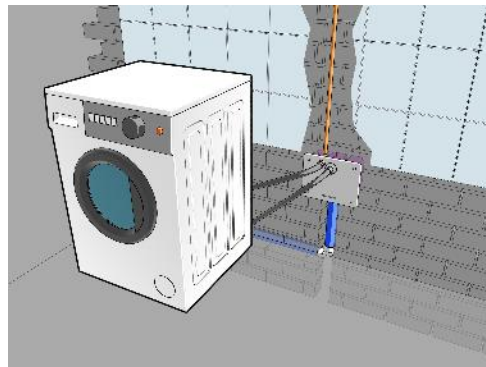
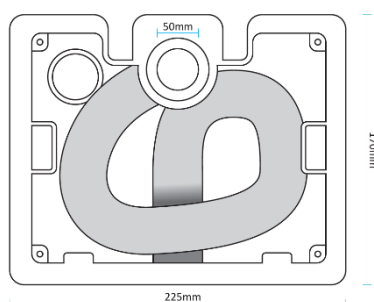
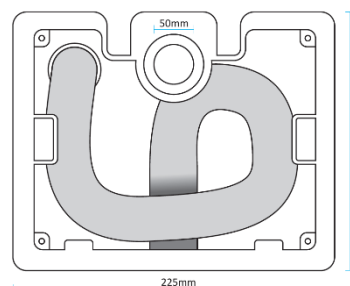
#### 4.1.9 Technical Drawings of typical installations

**Bath:**



**Hand wash basin:**



**Kitchen Sink:****Washing Machine****Eezyplumb – Internal Wall Installation:****Eezyplumb – External Wall Installation:****4.1.10 Product Images:****4.1.11 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](mailto:orders@seaqual.co.za)