

Section 1. – Universal WetFloor Drains

| | | |
|-----|--|-------------|
| 1.5 | LoLo Drain 110x110mm Square Hole 316 grade SS Grate: | Code 111063 |
| | LoLo Drain 110x110mm Round Hole 316 grade SS Grate: | Code 111064 |
| | LoLo Drain 200x200mm Square Hole 316 grade SS Grate: | Code 111065 |
| | LoLo Drain 110x110mm ABS Tile Grate: | Code 111066 |

1.5.1 Definition: Universal Wet Floor Drain (with trap or not)

1.5.2 Product introduction of the LoLo Drains

A Universal Floor Drain designed, amongst others for ease of installation and ensuring a High-Quality Finish for use with One-Pipe & Two-Pipe Plumbing Systems.

The **LoLo 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 **LoLo Drain range**, 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 sizes (50 mm) And is made from ABS plastic for durability and is impact resistance and is SANS-0252-2 compliant when used in accordance with the One-Pipe or Two-Pipe Plumbing Systems.

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

A Round Red Dust Cover, which is made from HDPE, is supplied for the protection of the F-Box during the construction phase.

A Well made of polypropylene which forms the base of the 65 mm deep trap. A Well Cap made of polypropylene which fits securely over the Well and is responsible in preventing odours from escaping from the drain. The Well & Well Cap together compromise the Trap component.

A choice of three M-serts, made of ABS plastic, where each are height and square adjustable, and houses a choice of grates to fit, that being either 110x110 SS 316 grade, 200x200 SS 316 grade or an ABS Tileable Tray, which is the final step to achieving a High-Quality Finish.

Product Code: 111063, Square Hole 110 Grate.

Product Code: 111064, Round Hole 110 Grate.

Product Code: 111065, Square Hole 200 Grate.

Product Code: 111066, ABS Tileable Grate

1.5.3 Key Benefits:

- Certified by Agrément SA Cert no.: 2017/541 when used in one-pipe & two-pipe systems.
- Average flow rate of 48 litres per minute.
- Supplied as a complete unit.
- Easy to install ensuring a quality finish.
- The large Waterproofing Flange is manufactured with Fail Safe weep holes and is compatible with all conventional methods and applications of waterproofing.
- Manufactured from ABS plastic for its durability, impact and scratch resistance properties.
- The M-sert is height and square adjustable to obtain an optimal flush finish with the desired finish (tiles/screed etc).
- The Round Red Dust Cover protects the F-Box unit by preventing foreign objects from obstructing it during construction.
- Entire drain is manufactured from sustainable & recyclable materials.
- Wholly designed, developed & manufactured in South Africa.
- 5 Year product warranty.

1.2.4 Applications:

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

1.5.5 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 Oateys Heavy Duty PVC Glue and allow the appropriate drying time.

- 1.5.5.1 Read instructions and check that all components are supplied.
- 1.5.5.2 If necessary, make use of the eye lugs found on the body of the F-Box during the installation.
- 1.5.5.3 Special care must be taken while securing the F-Box to its selected PVC outlet size, while ensuring that the correct falls are achieved before applying the accepted specified glue/solvent cement .
- 1.5.5.4 Ensure that the F-Box is square and level, and that the Round Red Dust Cover is securely fitted before the final concrete pour.
- 1.5.5.5 Once the concrete has cured remove the Round Red Dust Cover in order to install the large Waterproof Flange.
- 1.5.5.6 Insert the Waterproofing Flange and adjust its height accordingly so that it lies flush with the top of the slab, ensuring that it is glued to the F-Box and that it is embedded and caulked with a cement mix. Fit Flange Dust Cover
- 1.5.5.7 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.***
- 1.5.5.8 Remove the Round Red Dust Cover from the Waterproofing Flange and temporarily insert the M-sert ensuring that NO dirt or debris can enter the drain while the screed/tile phase commences.
- 1.5.5.9 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.
- 1.5.5.10 Once all trades are completed with their work and the area surrounding the Drain is clear and are dirt and dust free, apply a small amount of plumbers lube 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.
- 1.5.5.11 Insert the Well Cap over and onto the Well ensuring a snug fit.
- 1.5.5.12 Lastly remove the grate from its plastic and insert into the M-sert.

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

1.5.6 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 LoLo 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:

- 1.5.6.1 Check that debris has not formed a blockage on the Grate. If this is the case, simply remove and discard the debris!
- 1.5.6.2 Remove the grate and carefully inspect the Well Trap (Well & Well Cap combined) situated within the F-Box for any foreign matter. (e.g.: Hair, Soap/greasy residue etc.)
- 1.5.6.3 Remove the Well Trap and remove the blockage then clean with warm soapy water.
- 1.5.6.4 Clean the F-Box.

Seaqual Technical Data Sheet – LoLo Drain

- 1.5.6.5 Insert the clean Well Trap.
 1.5.6.6 Test the system by flushing water through the drain and once satisfied, insert the grate.
 1.5.6.7 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 2pm. 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 WetFloor Complete Options
4. F-Box Full-Bore HyDrain
5. F-Box Full-Bore BalconyDrain

1.5.7 LoLo Drain Complete Product Data Table:

| Product Name | LoLo Drain 110x110mm Square Hole 316 grade SS Grate | LoLo Drain 110x110mm Round Hole 316 grade SS Grate | LoLo Drain 200x200mm Square Hole 316 grade SS Grate | LoLo Drain ABS TileGrate |
|------------------------------------|--|--|--|--|
| Product Code | 111063 | 111064 | 111065 | 111066 |
| Product Image |  |  |  |  |
| Total Height | 170mm (can be reduced further) |
| Outlet Outer Diameter in mm | 56mm | 56mm | 56mm | 56mm |
| Outlet Inner Diameter in mm | 50mm | 50mm | 50mm | 50mm |
| Width at widest point | 250mm x 250mm – Flange |
| Total Weight of Product | 0.57kg | 0.57kg | 0.99kg | 0.75kg |
| Height Adjustable | Yes | Yes | Yes | Yes |
| Compatible with all Seaqual Grates | Yes | Yes | Yes | Yes |
| Protection Feature | Yes – Dust covers Weep Holes in Flange | Yes – Dust covers Weep Holes in Flange | Yes – Dust covers Weep Holes in Flange | Yes – Dust covers 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. Can be used on balconies without the WellTrap. | Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain. Can be used on balconies without the WellTrap. | Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain. Can be used on balconies without the WellTrap. | Showers, Bathroom, Kitchen Floors – any area requiring a trapped drain. Can be used on balconies without the WellTrap. |

| | | | | |
|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Flow Rate (average) | 48 L/min | 48 L/min | 48 L/min | 48 L/min |
| Design Data | | | | |
| Auto CAD | Yes | Yes | Yes | Yes |
| Revit | Yes | Yes | Yes | Yes |
| Packaging Data | | | | |
| Packaging Info | Printed Carton | Printed Carton | Printed Carton | Printed Carton |
| Units / Outer Box | 6 | 6 | 6 | 6 |
| Total Weight of Outer Box | 6.025 kg | 6.025 kg | 7.140 kg | 5.940 kg |
| 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 | 6009801767130 | 6009801767147 | 6009801767154 | 6009801767161 |
| Outer Box Barcode | 16009801767137 | 16009801767144 | 16009801767151 | 16009801767168 |

1.5.8 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:-

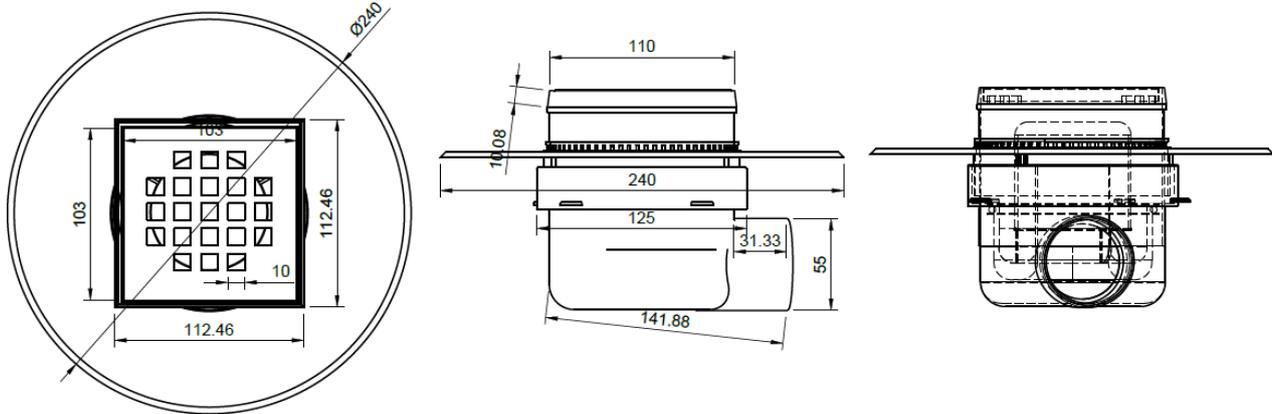
- 1.5.8.1 Any failure of the product has not been caused by abuse of the Product;
- 1.5.8.2 The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
- 1.5.8.3 In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
- 1.5.8.4 The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
- 1.5.8.5 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;
- 1.5.8.6 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);
- 1.5.8.7 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.

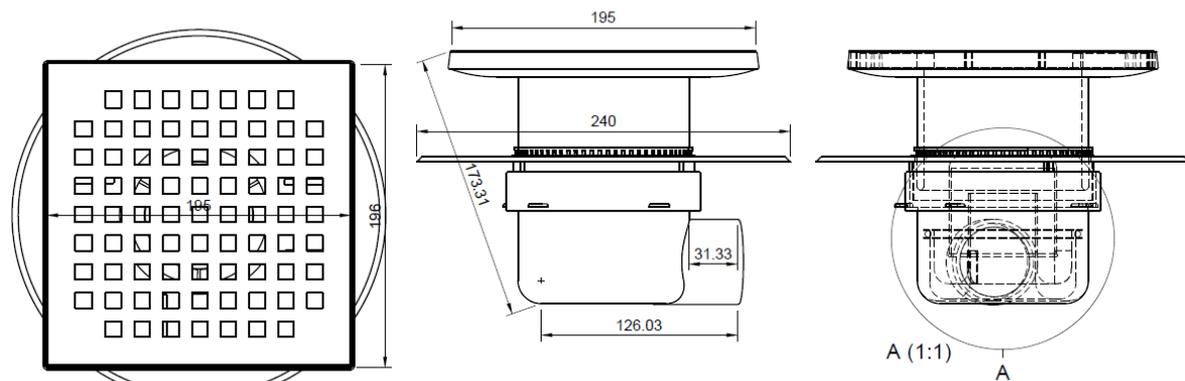
1.5.9 Technical Drawings

Email tech@sequal.co.za for 2D & 3D CAD or Revit Drawings of LoLo Drains.

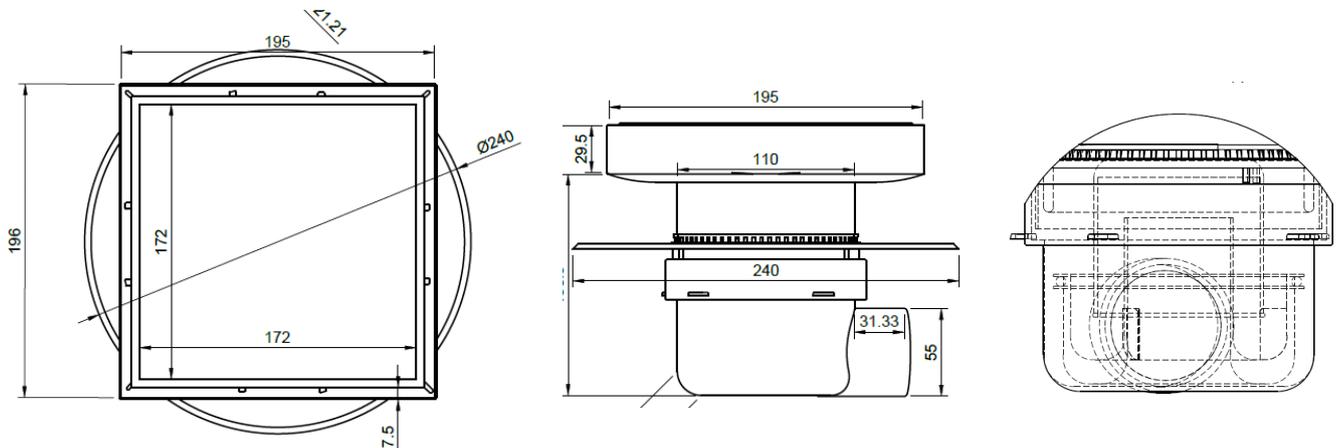
LoLo Drain 110x110 Grates – 111063 / 111064



LoLo Drain 200x200 SH316 Grade - 111065



LoLo Drain with TileGrate – 111066



1.5.10 Certifications



Sequal (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.sequal.co.za>.

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