

Section 3: Surface Water Drainage Solutions:

3.1 RainDrain Nylon

3.1.1 Definition: Storm Water Catch Pit / Sump

3.1.2 Product introduction:

The 'RainDrain Nylon', primary function is to act as a Catchpit/Sump to cope with 'High Volumes of Storm/Surface Water'. It is an ideal cost-effective complete Catchpit designed specifically to blend into its surrounds and consists of a 250x250x75mm body made of Glass filled Nylon and a 'Heavy Duty Grate' made of Glass filled Nylon with a 110mm outlet which comes with a special seal made of high-density foam ensuring a tight seal to the desired/selected storm water system. The 'RainDrain Nylon' is supplied in a sealed box and comes with installation instructions for the installer/end user's convenience. The RainDrain Nylon has a carrying capacity of up to 5 tons and can confidently be specified for all areas with domestic traffic.

Note: Our specially designed 'RainDrain Lite' can be specified in areas with pedestrian traffic only and is NOT to be installed in areas with 'Vehicular Traffic'. Please check our 'RainDrain Lite' data sheet.

3.1.3 Key Benefits:

- a. Easy to install into any storm water system ensuring a high-quality finish.
- b. Cost and time saver which eliminates the need for constructing a drainage Catchpit/Sump.
- c. Its 75mm deep body is equal to the thickness of a standard paving brick.
- d. Removable grate for easy access to the sump for cleaning.
- e. Manufactured from 'Green' sustainable & recyclable materials.
- f. Available in 5 colours to choose from which allows it to blend in its surrounds. (Check chart)
- g. Comes with a 5-year warranty against manufacturer defects.

3.1.4 Applications:

- Can be used amongst others as a controlled storm water drain point, installed in the following applications: Under gutter downpipes, along pathways, gardens and courtyards.

3.1.5 Installation:

Once the desired point of installation has been identified, make sure of the Finished Floor Level (FFL) before starting your installation then select the RainDrain Nylon colour of choice.

PLEASE NOTE: Handle all Seaqual Products with care and store any unused products and materials in a safe place.

- 3.1.5.1 Read instructions and check that all components are supplied.
- 3.1.5.2 Connect the 110mm outlet to the selected storm water pipe by using the special seal provided and secure by setting the catch pit into its selected position ensuring that it is square, level and flush with the desired finished height of the proposed finish. (FFL)
- 3.1.5.3 Take care and ensure that NO dirt or debris can enter the drain during finishing phase.
- 3.1.5.4 Lastly, remove the grate from its box and insert into position.

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

3.1.6 Maintenance:

NOTE: It is important to keep the RainDrain Nylon well maintained and clean. This should be done regularly according to a maintenance plan, or when: -

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

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In which case apply the following: -

- 3.1.6.1 Check that debris has not formed a blockage on the surface of the grate. If this is the case, simply remove and discard the debris.
- 3.1.6.2 Carefully remove the grate and inspect the sump & outlet for foreign matter.
- 3.1.6.3 Clean the sump by removing foreign matter and discard.
- 3.1.6.4 Test the system by flushing only “fresh water” through the sump (as it could be connected to a water harvest system) and once satisfied carefully replace the grate.
- 3.1.6.5 Should the problem persist, call a qualified Plumber to check the pipeline for blockages.

****Should any technical assistance be needed during your installation please call our help line 044 382 3484 from Monday - Thursday from 8am till 5pm and Fridays from 8am till 3pm. Alternatively send an email to tech@sequal.co.za.****

Please contact our Head Office for alternative Product Technical Data Sheets for other surface water drainage applications such as the RainDrain Lite range of products.

3.1.7 RainDrain Nylon Product Data

Item Colour:	Charcoal Black	Cement Grey	Sandstone	Clay Brown	Shrub Green
Product Code:	033102	033101	033104	033100	033103
Product Image					
Depth of Body	75mm	75mm	75mm	75mm	75mm
Outlet OD	110mm	110mm	110mm	110mm	110mm
Outlet ID	91.5mm	91.5mm	91.5mm	91.5mm	91.5mm
Width at widest point	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm	250mm x 250mm
Product weight in Kilograms	1.42kg	1.42kg	1.42kg	1.42kg	1.42kg
Height adjustable	No	No	No	No	No
Protection feature	Extra depth of body acts as a collection sump.	Extra depth of body acts as a collection sump.	Extra depth of body acts as a collection sump.	Extra depth of body acts as a collection sump.	Extra depth of body acts as a collection sump.
Product warranty	5 years	5 years	5 years	5 years	5 years
Product Application	Controlled drainage point for removal of surface / storm water	Controlled drainage point for removal of surface / storm water	Controlled drainage point for removal of surface / storm water	Controlled drainage point for removal of surface / storm water	Controlled drainage point for removal of surface / storm water

Design information

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CAD	Yes	Yes	Yes	Yes	Yes
Revit	Yes	Yes	Yes	Yes	Yes
Packaging information					
Packaging Information:	Printed Carton with Labels	Printed Carton with Labels	Printed Carton with Labels	Printed Carton with Labels	Printed Carton with Labels
Box Dimensions	254mm x 254mm x 120mm	254mm x 254mm x 120mm	254mm x 254mm x 120mm	254mm x 254mm x 120mm	254mm x 254mm x 120mm
Items / Outer Box	10	10	10	10	10
Total Weight of Outer Box	14.90kg	14.90kg	14.90kg	14.90kg	14.90kg
Dimensions of Outer Box in mm	530mm x 290mm x 630mm	530mm x 290mm x 630mm	530mm x 290mm x 630mm	530mm x 290mm x 630mm	530mm x 290mm x 630mm
Product Barcode	6009819880012	6009819880029	6009819880036	6009819880043	6009819880050
Outer Box Barcode	16009819880019	16009819880026	16009819880033	16009819880040	16009819880057

3.1.8 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:-

- 3.1.8.1 Any failure of the product has not been caused by abuse of the Product;
- 3.1.8.2 The Product has been correctly installed in terms of the Installation Instructions provided by Seaqual;
- 3.1.8.3 In the case of floor drains / full-bores / sumps no corrosive liquids have been poured into or through the Product;
- 3.1.8.4 The purchase receipt pertaining to the purchase of the Product or details of where purchased are provided;
- 3.1.8.5 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;
- 3.1.8.6 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 Seaqual's sole discretion);
- 3.1.8.7 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.

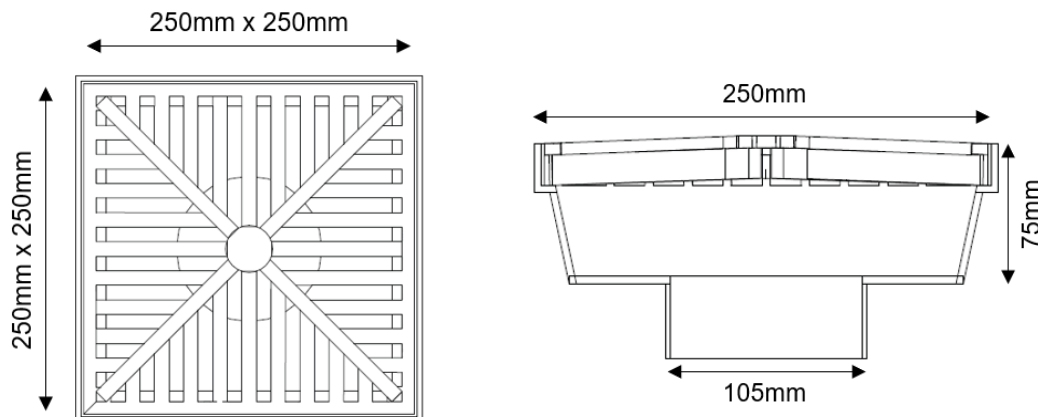
NOTE: The 5 year warranty excludes any component of the product which is not manufactured by Seaqual such as the rubber seals, nuts and bolts. These items carry a 2 year warranty against manufacturer defects. Please note that Seaqual cannot be held responsible for inaccurate installation processes.

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3.1.9 Drawings

Email tech@sequal.co.za for 2D & 3D CAD Drawings and / or Revit of RainDrain Nylon



Sequal (Pty) Ltd is ISO9001:2015 Certified.

WHOLLY MANUFACTURED IN SOUTH AFRICA.

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