



ACO StormBrixx®

STORMBRIXX CONFIGURATOR – USER GUIDE

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StormBrixx® Configurator Operation Guide

ACO recommends the use of this guide along side the ACO StormBrixx® Configurator.

This guide will help when configuring the optimal functioning ACO StormBrixx® SD or HD system, including tank inlet, outlet, access, inspection, and more.



7. Tank Access Locations

This screen will allow you to place and position the required access into the StormBrixx system for inspection cleaning & maintenance purposes. This can be achieved using either Access Chambers or Access Plates, or a

7.1 Access Chamber

Access can be gained to the StormBrixx system using a Access Chamber. These units can be installed both within the structure and on the outer edges, even placed next to each other if needed. They replace the StormBrixx modules within the system and a module may need to be cut in half to accommodate the Access Chamber.

7.2 Access Plate

The Access Plate can also be used to gain access into both the StormBrixx HD & SD systems. This plate is compatible with both systems and offers the same access options as the Access Chamber but does not allow inlet/outlet pipe connections. The Access Plate is secured into the StormBrixx system by removing layered modules underneath the plate to allow free access into the structure. The plate will rest on the top of StormBrixx modules at the top layer of your system and holds in place via the protruding lip around the top edge of each plate overlapping the surrounding modules.

combination, to allow jetting & camera equipment as well as a hose from an industrial vacuum truck to remove any sediment build up within the StormBrixx tank.

StormBrixx HD & SD have their own Access Chamber available which differ in height to match the characteristics of each system.

- The SD Access Chamber measures 594mm L x 594mm W x 457mm H so you will need to install 2 units per layer of StormBrixx SD (at 914mm high).
- The HD Access Chamber measures 594mm L x 594mm W x 610mm H so you will only need to install 1 unit per layer of StormBrixx HD (at 612mm high).
- The Configurator will automatically include the required number of access units in the Bill of Materials.

Because the Access Plate needs to be supported on all four sides, it cannot be used at the edge of the tank:
 – it must be at least one module inside from the perimeter
 – and Access Plates cannot be placed adjacent to each other.

The Access Plate measures:
 650mm W x 650mm L x 120mm H.

8. Tank Access Options

8.1 Rising Access Shafts

This screen will automatically provide the correct amount of rising access shafts based on your earlier input for the cover layer over the top of the StormBrixx within the cavity excavation page. Each individual extension shaft gives a rise of 250mm. and is used to provide a connection between the Access Chamber / Plate and the finished level. The rising access shafts can be cut/trimmed down to suit the exact height to match the finished level.

8.2 Access Covers

You will then be prompted to select your desired ductile iron cover. ACO offers Rhinocast Solid Top covers that are load rated to Class B or Class D.

8.3 ACO access options not required

If you are proposing to use alternatives to the ACO products, select the tick box and this will zero the options above. Deselecting the tick box will re-instate the options (both on the screen and on the bill of materials).

9. Ventilation Options

This screen gives you the option to select a ventilation pipe within your StormBrixx system. Ventilation is required in most cases to prevent the build up of pressure.

10. Overflow Options

This screen gives you the option add an overflow pipe to your StormBrixx system. Overflows may be required to minimise the risk of the detention or infiltration system surcharging.

11. Get Results

Once you have completed all the necessary steps within the StormBrixx Configurator program and pressed 'Get Results' a pdf will be generated with the following information:

Full recap of your project details and your information entered.

- Summary of your StormBrixx tank configuration highlighting product type, dimensions and volumes.
- Breakdown of the excavation volume showing how much earth/material is to be excavated to accommodate the configured StormBrixx system as well as the amount of backfill needed to complete the installation.
- The number of inlets, outlets and access points selected for your configured system as well as the specified locations within the footprint of your system shown on an inlet/outlet grid. The pdf will also show the selected method chosen for each.
- Full bill of materials including quantities, part numbers, and individual component weights and total weight for all parts for the configured system.
- A reference page with dimensions and weights for all StormBrixx components, and a sample specification clause.

12. Enquire

For more information on StormBrixx product pricing/availability, geomembranes and geotextiles requirements, structural design, installation, and maintenance, press the red 'Enquire' button. Then complete the 'Project State/Region*' box, tick the relevant topics, and/or add additional comments and press 'Submit'. An ACO representative will contact you shortly.

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