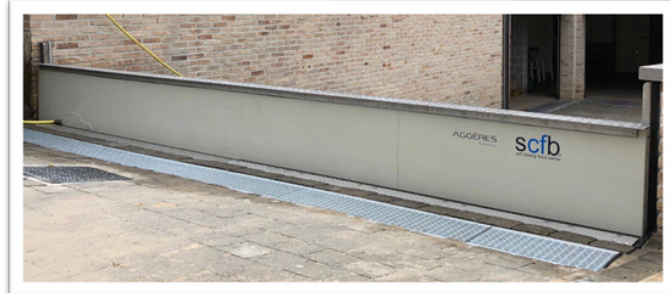




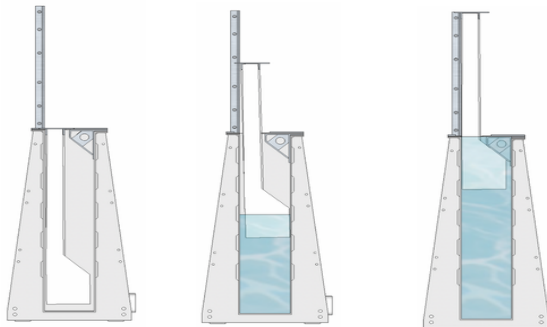
## HYFLO SETTING NEW STANDARDS IN WATER MANAGEMENT

The Self closing flood barrier SCFB, a unique effective flood defense system to protect people and property from inland waterway floods caused by heavy rainfall, gales or rising water levels. The barrier systems have proved to be the best flood protection and has already been built and installed in several countries around the globe.



## SCFB SELF CLOSING FLOOD BARRIER

Rapid onset flooding usually In operational use globally causes the greatest damage since 1998, the SCFB is due to the lack of time to acclaimed as the world's most deploy the more traditional effective flood protection type of manually operated system. floodgates and The succes can be attributed "demountable" systems, to the simple, but ingenious typically stored off site, and concept of using the requiring human approaching floodwaters to intervention. The SCFB automatically raise the barrier; overcomes all the issues effectively using the problem associated with these older-to create the solution. With an generation flood defenses unblemished 100% track record and has the considerable the SFCB is a highly favorable advantage of not requiring preference when specifying any intervention during a optimal and cost effective but flood warning, which would passive flood defense. otherwise put lives at risk.



## DUTCH DESIGN TO FIT

The SCFB is build and designed by Hyflo BV in the Netherlands. The barriers can be built in any required length with a basin from PE-HD, concrete, steel or stainless steel. Depending on the requested length and location, Hyflo can advice what the best option is for the specific location.





## SCFD Private property protection



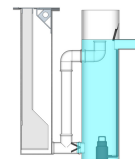
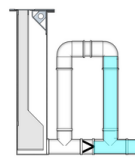
The SCFD is a smaller version from the SCFB™ and is intended to protect small gates and private property against floods. The working principle is very similar to that of the larger SCFB™ but in a reduced scale.



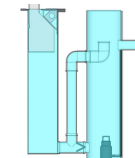
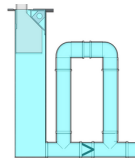
## SCFB Activation with inspection pit

Filling pipe

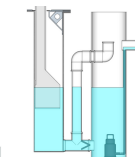
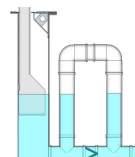
Service pit



The filling pipe or service pit has a check-valve that prevents the flood water going to the barrier at this point. This prevents the barrier from coming up early and will rise the wall in a short time in the end position.



When the water surface is coming above the filling pipe the basin of the barrier starts to fill up and the barrier comes up and closes the floating wall against the rubbers.



When the water recedes the water from the barrier flows back through the check-valve and the barrier is sinking back to its resting position when the drain water level is higher than the bottom of the pit a pump is used to pump the water out.



## SCFB steel basin Secondary flood protection



The steel basins are delivered complete with wall, supports blocks, lids seals and guide rail and is therefore easy to install. The basin undergoes a thermal spraying and a coating for a longer life time and for the sustainability of the product can also be built in stainless steel.



## SCFB Concrete basin Primary flood protection



The concrete basin as it can be pre-cast or cast-in-situ to any length to suit the floating wall increments. The concrete basin can be built on site or at location so no heavy transport is necessary.



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