



**SCFB
SELF CLOSING FLOOD BARRIER**

Rapid onset flooding usually causes the greatest damage due to the lack of time to deploy the more traditional type of manually operated floodgates and "demountable" systems, typically stored off site, and requiring human intervention. The SCFB overcomes all the issues associated with these older-generation flood defenses and has the considerable advantage of not requiring any intervention during a flood warning, which would otherwise put lives at risk.

In operational use globally since 1998, the SCFB is acclaimed as the world's most effective flood protection system. The success can be attributed to the simple, but ingenious concept of using the approaching floodwaters to automatically raise the barrier; effectively using the problem to create the solution. With an unblemished 100% track record the SCFB is a highly favorable preference when specifying optimal and cost effective but passive flood defense.

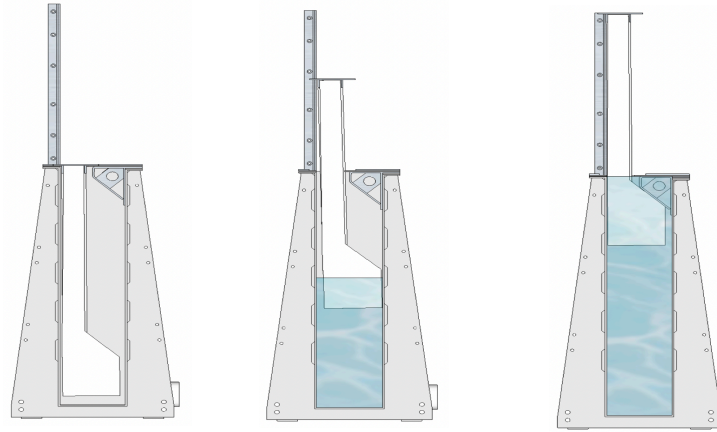
**HYFLO
SETTING NEW STANDARDS
IN WATER MANAGEMENT**

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.



**DUTCH
DESIGN TO FIT**

The SCFB is built 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 advise what the best option is for the specific location.



24 / 7 FLOOD PROTECTION
scfb

**NO FLOOD PROTECTION
MANPOWER**
scfb

**SHORT FLOOD PROTECTION
CLOSING TIME**
scfb

**NO FLOOD PROTECTION
WARNING SYSTEM**
scfb

**NO FLOOD PROTECTION
STORAGE**
scfb

**LOW FLOOD PROTECTION
OPERATIONAL COST**
scfb

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.

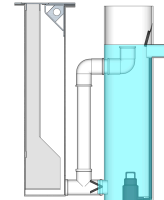
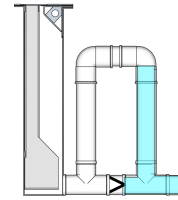


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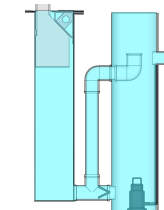
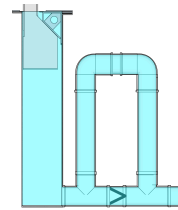
Activation with inspection pit

Filling pipe

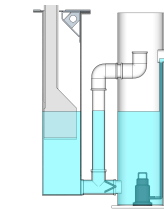
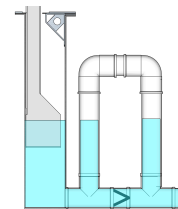
Service pit



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



SCFB Concrete basin Primary flood protection

The concrete basin as it can be pre-cast or cast-insitu 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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hyflo
self closing flood system