

BoxBarrier® Testing

RESULTS

Dremp, September 8th 2011

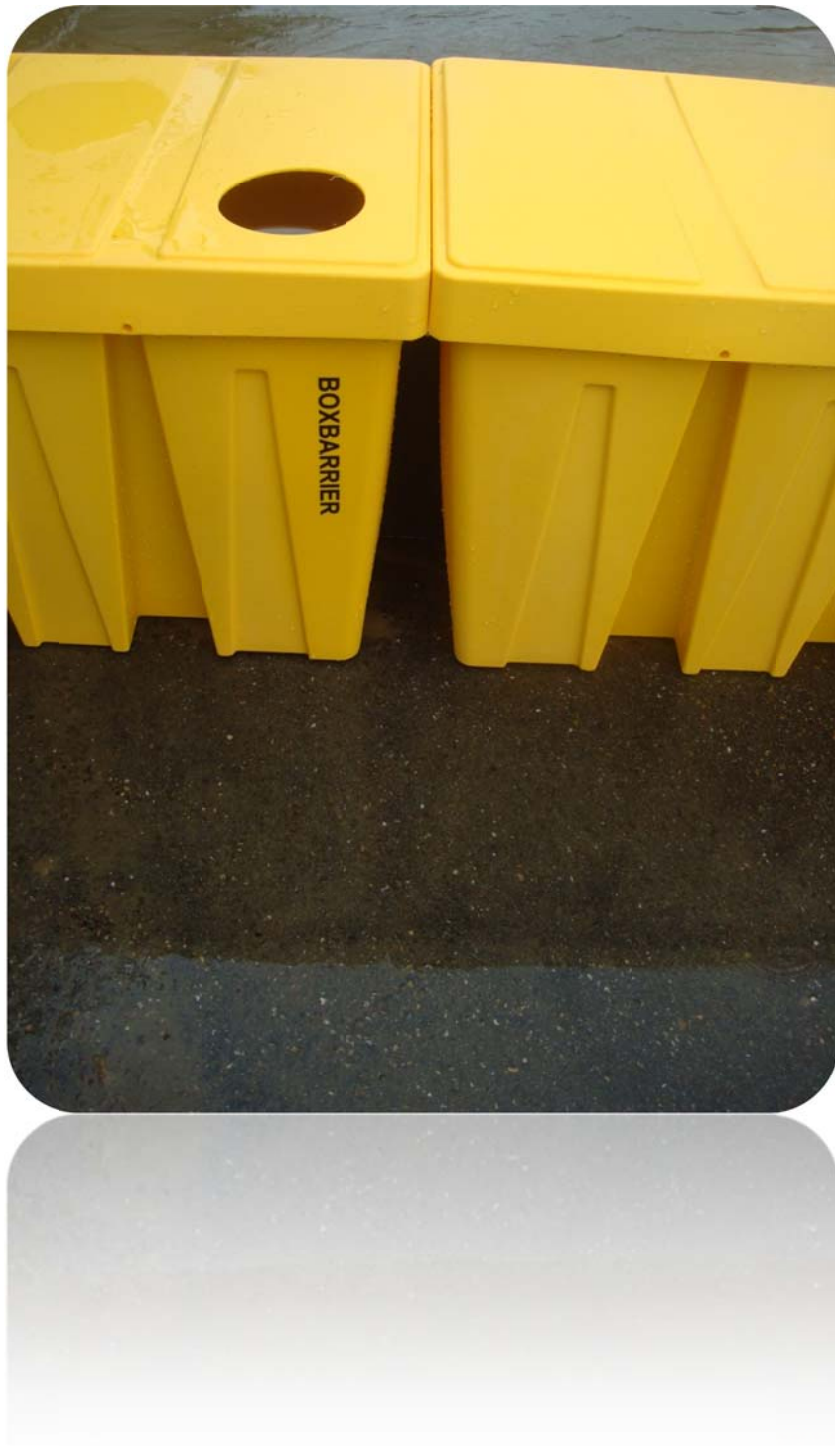


Durability



A falling stack of lids is no problem – there is no damage at all.
Also throwing of Boxbarriers and other parts does no damage.
The material is very durable.

Leakage



There is no leakage at all, the water outside of the basin comes from the filling process and the rain.

Stability on asphalt



A single wall of Boxbarriers withstands 50 cm of water in the basin without movement.

Wave attack



The Boxbarrier on Soil and Grass



This picture shows the switch from grassland to soil. As seen on the following pictures the switch is no problem and neither is the grass itself. Both are watertight. Uneven soil can lead to piping, grass prevents this.

Around and about (1)



For sealant to the wall, half a keg was used and sealed with a rubber strip. This worked very well, there was no leak evident.

Around and about (2)



For the edge a Boxbarrier itself was used and connected as usual with a keg on the side and here in particular at the back side, also with a keg.



A fuel-driven portable water pump was used to empty out the Box barriers.

Around and about (3)



This picture shows filled, dent out Boxbarriers in contrast to emptied out Boxbarriers and lids, that got back into shape again.



The Boxbarrier is stable enough to walk on it.