

NOAQ Boxwall



The NOAQ Boxwall is a freestanding temporary flood barrier. It is designed specifically for the urban environment, with even surfaces like asphalt streets and concrete floors.

A NOAQ Boxwall BW50 is able to dam 50 cm of water and is self-anchoring. It is automatically ballasted by the own weight of the flood water. The higher the water rises, the harder the barrier is pressed firm against the ground. Utilizing the weight of the water, the barrier itself doesn't need to be heavy. Individual "boxes" weigh only 3.4 kg each and the barrier not more than 5.5 kg per meter. This makes it easy to use, and very fast. Two people can build 200 linear metres of boxwall in an hour.

A Boxwall is built by snapping the boxes together. No tools are needed. Gradual curves are made by connecting the boxes at a slight angle, and for corners there are specific corner boxes.

The Boxwall can also be used during a flash flooding event to divert water away from vulnerable areas. A number of boxes are put in the flowing water and will stick directly to the ground.

The boxes are stackable, which means they require very little space for storage and transport. 26 boxes (16 m) fit on a standard pallet, and a 20' container can take 357 m of Boxwall.

Damming ability	50 cm (20")
Dimension of boxes (lxwxh)	705 x 680 x 528 mm
Effective length	625 mm (2') per box
Weight	3.4 kg (7.5 lb) per box
Speed of deployment	Ca 200 m (220 yd) per hour
Minimum curve radius	1.0 m (in both directions)
Material	ABS
Temperature resistance	-30° – +90°C

