

NOAQ Boxwall BW102



The NOAQ Boxwall is a freestanding temporary flood barrier. It is designed specifically for the urban environment, with even surfaces like asphalt streets, but it works as well on lawns etc.

A NOAQ Boxwall BW102 is able to dam 1 meter of water and is self-anchoring, as it is automatically ballasted by the weight of the flood water. The higher the water rises, the harder is the barrier pressed against the ground. Utilizing the weight of the water, the barrier itself doesn't need to be heavy. The BW102 "boxes" weigh only 15.2 kg each and the barrier not more than 17 kg per meter. This makes it easy to use, and fast to deploy. Two people can build 100 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.

There is also a lower Boxwall model, the BW52, which is able to hold back 50 cm of water (see separate fact sheet).

The boxes are stackable, which means they require very little space for storage and transport. They are loaded on pallets, with 32 boxes (29 m) on each pallet. A 40' container can take 16 such pallets, or in total 460 meters of Boxwall.



Damming ability	100 cm (40")
Dimension of boxes (lxwxh)	992 x 1,199 x 1,060 mm
Effective length	900 mm (3') per box
Weight	15.2 kg (34 lb) per box
Speed of deployment	Ca 100 m per hour
Minimum curve radius	26 m (in both directions)
Material	Polypropylene
Temperature resistance	-30° – +90°C