

NOAQ Boxwall BW52

Fact sheet

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The NOAQ Boxwall BW52 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.

- FREESTANDING TEMPORARY FLOOD BARRIER
- SELF-ANCHORING
- LOW WEIGHT - EASY TO USE
- NO TOOLS ARE NEEDED
- STORAGE-EFFECTIVE

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FREESTANDING TEMPORARY FLOOD BARRIER

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SELF-ANCHORING - 0,5 METER HIGH

A NOAQ Boxwall BW52 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.

LOW WEIGHT - EASY TO USE

Individual "boxes" weigh only 6,1 kg each and the barrier not more than 6.8 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.

FLEXIBLE - 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.

STORAGE-EFFECTIVE

The boxes are stackable, which means they require very little space for storage and transport. 26 boxes (23 m) fit on a standard pallet, and a 40' container can take 1.1 km of Boxwall.

There is also a higher Boxwall model, the BW102, which is able to hold back 100 cm of water (see separate fact sheet).

Technical specifications	
Damming ability	50 cm (20")
Dimension of boxes	L: 980 W:680 H:530 mm
Effective length	900 mm (3') per box
Weight	6,1kg (13 lb) per box
Speed of deployment	Ca. 200 m per hour
Minimum curve radius	1,0 m (in both directions)
Material	Polypropylene
Temperature resistance	-30°C - +90°C



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