

# NOAQ Boxwall BW102

## Fact sheet



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- *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**

The NOAQ Boxwall BW102 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.

### **SELF-ANCHORING - 1 METER HIGH**

A NOAQ Boxwall BW102 is able to dam 1 m 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.

### **LOW WEIGHT - EASY TO USE**

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.

### **FLEXIBLE - NO TOOLS ARE NEEDED**

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.

### **STORAGE-EFFECTIVE**

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

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

Technical specifications	
Damming ability	100 cm (40")
Dimension of boxes	L: 992 W: 1,199 H: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	1.8 m (in both directions)
Material	Polypropylene
Temperature resistance	-30°C - +90°C

