

## BOXWALL FLOOD BARRIER

NOAQ Boxwall is a freestanding temporary flood barrier designed for fast response to flood threats in an urban environment, on hard and even surfaces like tarmac, paving and concrete.



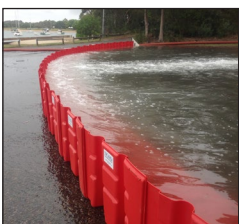
The NOAQ Boxwall is able to dam 0.5m of water and is extremely lightweight and easy to deploy. Although the weight of each box section is light, at only 6.2kg, the Boxwall stands firm without any external fastening, even when damming water to its full height.

The Boxwall flood barrier is anchored by the weight of the flood water itself.

The Boxwall is particularly useful during flash flooding to control fast flowing water, diverting it away from vulnerable entrances. The Boxwall sections simply stick with the asphalt and divert the water.

The Boxwall is built up by slotting together any number of box sections; no tools are required. The flexible  $\pm 3^\circ$  coupling makes it possible to create curves, but it is also possible to make corners using a bespoke corner piece.

*Fast deployment, lightweight flood barrier for quick response flood protection in urban areas - unlimited length up to 0.5m high.*



## NOAQ Flood Fighting System

### USES

- Single openings and driveways.
- Single buildings to whole residential and commercial areas.
- Fast response flash flood diversion.

### BENEFITS

- **Lightweight** - can be deployed quickly by a single person.
- **Speed** - the low weight enables fast deployment - save more property in less time.
- **Stable** - friction and water pressure ensures flood barrier is stable and well anchored.
- **Flexible** - can be used in curves and at corners, using bespoke corner sections. It can also cover small steps, using special 'gable' sections.
- **Efficient** - takes little storage space when stacked and is easy to transport.



## DESIGN



### SPECIFICATIONS

Max water level:	0.5m
Dimension of box sections:	980mm (L) x 680mm (W) x 530mm (H)
Effective length:	900mm (111 box sections = 100m)
Weight:	6.2kg/box section (6.9kg/m)
Speed of deployment:	c 200m/h
Material:	mould-injected polypropylene
Temperature resistance:	-30°C to +90°C
Storage capacity:	Up to 23m on a pallet.



### CORNER SUPPORT

The NOAQ Boxwall curve sections makes it possible to create inward and outward corners, enabling the Boxwall to protect contained areas from flooding.

The 30° corner sections fit together like normal boxwall sections.



### MAINTENANCE

After the flood, the Boxwall is easily dismantled and can be cleaned using a garden hose.

### STORAGE

The stackable boxwall sections require very little space to store and are easy to transport. A standard pallet will accommodate 26 boxes (23 m) and a 40' container can take 1.1 km of Boxwall.

