



BOXWALL FLOOD BARRIER

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. It can be extended to an unlimited length.

Boxwall is available in two heights and is able to divert flood water up to 0.75m high. The weight of each box section is light, at under 4kg for a 0.5m section, making the system extremely easy to deploy. Boxwall units stand firm without any external fastening, even when flooded to their full height; Boxwall is anchored by the weight of the flood water itself.

Boxwall flood barriers are particularly useful during flash flooding to control fast flowing water, diverting it away from vulnerable entrances. The Boxwall sections simply sit on the ground and divert the water.

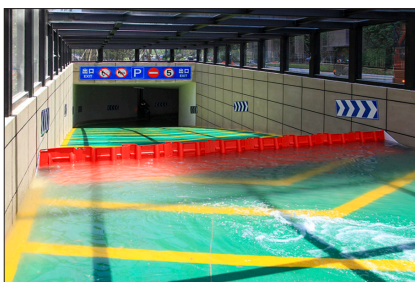
Boxwall is built up by slotting together any number of box sections.

The flexible $\pm 3^\circ$ coupling makes it possible to create curves, but it is also possible to make inward and outward corners using specific corner pieces.

After use, Boxwall units are easily dismantled and can be cleaned using a garden hose.

The box sections are stackable, which means they require very little space to store and are easy to transport.

Fast deployment, lightweight flood barrier for quick response flood protection in urban areas - unlimited length up to 0.75m high.



USES

- Single openings and driveways.
- Single buildings to whole residential and commercial areas.
- Fast response flash flood diversion.
- Temporary flood protection for building sites.
- Mains water bursts and pollution event containment.

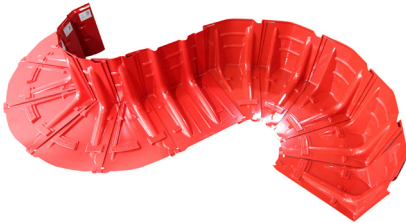
BENEFITS

- *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

Height	500mm	750mm
Weight	3.8kg ±5%	9.8kg ±5%
Size	705mm x 680mm x 528mm	1000mm x 850mm x 750mm
Average thickness	4mm	5mm
Speed of deployment:	1 person can install 10 metres per minute	
Temperature resistance:	-40°C to +95°C	
UV testing:	Irradiancy 0.76W/m ² @ 340nm BPT: 60°C, 8H (refer to ASTM G154-2016)	
Material:	ABS	
Angle bias:	± 3° adjustable	

CORNER SUPPORT

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

MAINTENANCE

After use, 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. Boxwall can be arranged on pallets to suit the customer, but as a rough guide, a standard timber pallet will take approximately 26 Boxwall sections (18m), and a 40' container can take up to 1km.