

## FloodFence™ Technical Details

FloodFence™ is a lightweight and quick to deploy water diversionary system. The system can be connected and deployed rapidly by one person. It doesn't require any ballast to be pre-applied.

The system is self-balancing. The moving water flow applies a strong downward pressure onto the FloodFence units. This keeps them fixed in place, as well as applying pressure to the sealing gaskets.

**Dimensions of FloodFence unit:** 0.45m high x 1.0m x 0.58m. Connected length is 0.91m

**Material:** ABS

**Weight of each FloodFence unit:** Approx 4kg

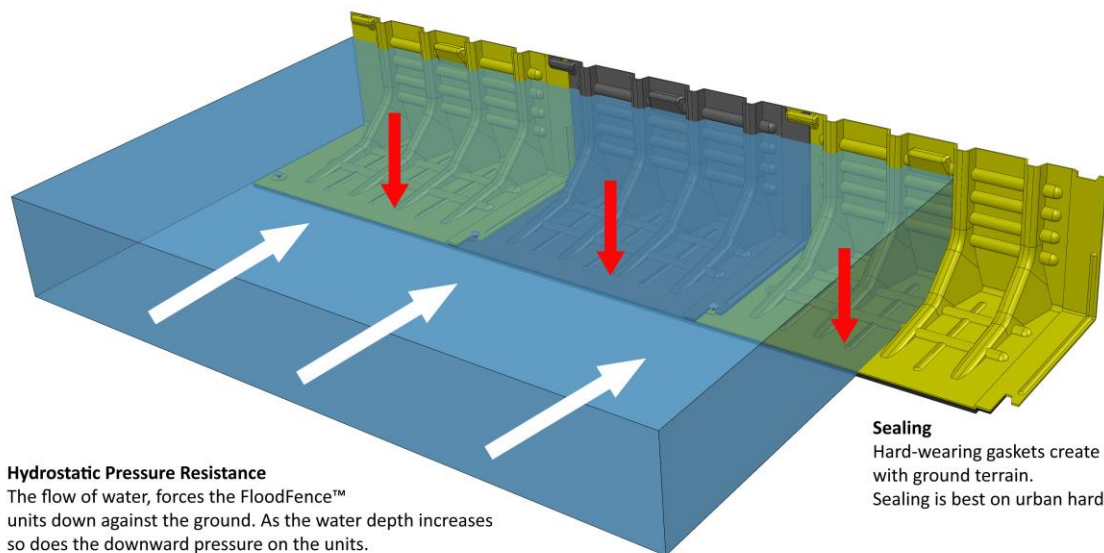
**Speed of Deployment:** approx. 200-metres per hour

**Storage:** System stacks neatly. In storage can fit approx. 38-40 units to a pallet.

FloodFence is manufactured by an ISO Quality Certified company



**Hydrodynamic Force Resistance**  
FloodFence™ works in fast flowing water.



**Hydrostatic Pressure Resistance**  
The flow of water, forces the FloodFence™ units down against the ground. As the water depth increases so does the downward pressure on the units. 'they stick to the ground'. The system is self-balancing.

**Sealing**  
Hard-wearing gaskets create a seal with ground terrain. Sealing is best on urban hard-standings.

**Robust**  
FloodFence units are ribbed maximising rigidity, strength and robustness when in use.

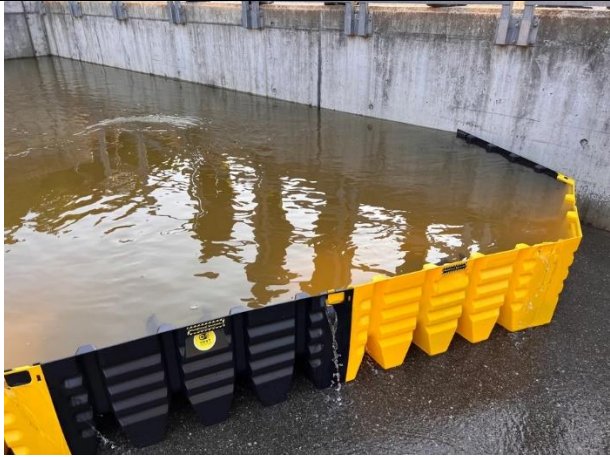


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**FloodFence™ System**



**Rapid Flood Protection**



**Perfect for flash flooding re-direction**



**Cornering Units**


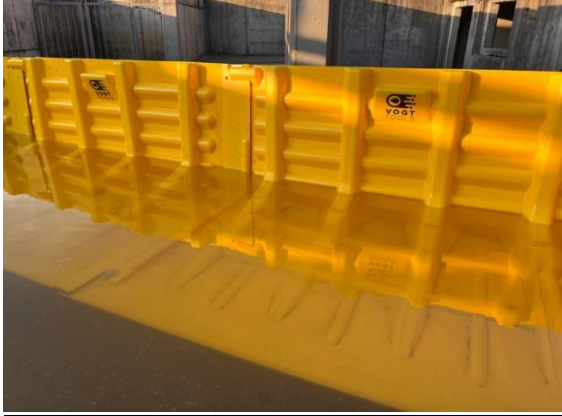






**Surface water flood protection**



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<p><b>Fit 38 FloodFence units to a single pallet</b></p> 	<p><b>Water main burst diversion</b></p> 
<p><b>Wall Connectors</b></p> 	<p><b>Inner Corner</b></p> 
<p><b>2 x Inner Corners &amp; Jointing Pin = Outer Corner</b></p> 	<p><b>Goods Palletised</b></p> 





**Just some of our customers for FloodFence include:**

- The Environment Agency,
- BAE Systems PLC,
- UK Councils
- Fire Brigades in Europe and Asia.
- Utility Companies in USA.
- Water Companies (e.g. Wessex Water)
- Airport flood protection (e.g Cambodia Airports)
- ..and many more.

**Fluvial Innovations Ltd**

Fluvial Innovations Ltd is a UK based company, part-owned by Bournemouth University.

Our flood barriers are used world-wide. In 2018, Fluvial Innovations was awarded the Queens Award for Enterprise: Innovation 2018. The UK's highest official award for companies that excel at innovation, presented by Her Majesty the Queen.



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