

# HYDROPAD®

**The HydroPad® is the solution to the inefficiencies of the traditional sandbag that have frustrated users for generations.**

## What is wrong with sandbags?

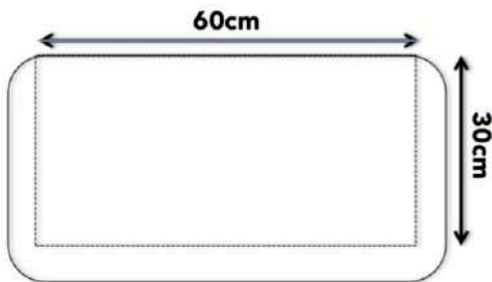


Besides their inherent poor performance as a floodwater barrier, sandbags are difficult to store, taking up substantial storage space for unknown period of time in anticipation of an emergency. Hessian or jute sandbags will normally rot in

storage and woven poly-based bags will degrade after a short time in sunlight. They are excessively heavy and difficult to carry to site, and can weigh up to 25kg before in contact with water.

Sandbags are not easily disposed of and serious additional costs are incurred by transporting them away for safe disposal. They are not eco-friendly as they cannot be emptied into the earth once the floods have subsided.

Sandbags not only rot over time, but also filter water through them. Once in contact with flood-water, they pose a biohazard risk as they will absorb the any sewage and contaminants the come into contact with.



## What are the advantages of the HydroPad® Sandless Sandbag?

The HydroPad® is the new modern method to create a highly effective barrier to the threat of floodwater in domestic & commercial properties.

The HydroPad® weighs less than 500g before contact with water, and can easily be stored in bulk for 5+ years before they are needed. It will absorb and lock in up to 15 litres of water, weighing approximately 15kg, and will retain this weight for a whole flood season.

The HydroPad®'s absorbent core contains a stabilised mixture of wood pulp and super absorbent polymer (SAP), both of which are degradable after 6 months.



After use, the outer sack can be slit and the contents can be emptied into the earth without any harmful effects.

The HydroPad® is designed for optimum visibility, and is easy to move once activated, reducing the risk of injury. The unique 60x30cm design structure allows for a controlled spread of weight.



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### HydroPad® Technical Details:

Length:	60cm	Internal Pads:	3
Width:	30cm		
Absorption:	~15 litres	Non-toxic, EcoFriendly	
Inflation Time:	2-3 mins		
Weight before:	0.5kg	Floodwater Depth:	5-10cm
Weight after:	~15kg		
Outer Fabric:	Nwvn polyprop, Floodwater length:	60cm	hydrophilic