



# GLOBALFLOODSOLUTIONS

PREPARE • PREVENT • PROTECT

## The Big Bag System

Your quick, simple and cost-effective alternative to sandbags and other flood defence solutions...



**Global Flood Solutions** is a 100% Irish owned company based in Co. Roscommon, Ireland. Our team has over 15 years experience in innovation and engineering. We are the exclusive sole agents of Big Bag System IRL & Big Bag System UK – the market leaders in flood prevention in the USA, Europe & Asia. We have a global team of flood prevention experts and offer the latest technologies in flood prevention systems.

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The Big Bag System is a cost and innovative time and cost saving flood solution. The system is patented and extensively used in the US, Europe and Asia.

## Comparison of Big Bag System to Conventional Sandbags

Big Bag System	VS	Sandbags
<ul style="list-style-type: none"> <li>• Less than 2 minutes to assemble and fill one system</li> <li>• One 4.5m system - fully expanded <i>is equivalent to</i></li> <li>• Sand used in the system can be recycled</li> <li>• Can be used as a permanent leevy</li> </ul>		<ul style="list-style-type: none"> <li>• Labour intensive</li> <li>• 670 sandbags required</li> <li>• Sand used in the sandbags is contaminated</li> </ul>

### Benefits of using the Big Bag System

#### 1. Affordable

A proven and more cost effective solution to sandbags.

#### 2. Effective

A fast solution that fights back large water masses in a safe way.

#### 3. Reactive

The Big Bag System can be stored in strategic locations in your flood prone areas e.g located near public works facilities, local authority storage facilities etc and can be quickly deployed in the event of rising flood waters.

#### 4. Safe

Through a high stability and robust polypropylene membrane.

#### 5. Easily Stored

One pallet contains - 6 systems (27 metres)

#### 6. Environmentally Friendly

Only natural materials are used (PP membrane does not contain any hazardous substances)

#### 7. Reliable

Big Bag system has been used extensively throughout the USA, Europe and Asia over the last decade to fight the growing problem of flooding.

### Testimonials

"Having been at the coal face of the recent flooding, I have no doubt that had the Big Bag Flood Defence System been available, it would greatly have reduced the amount of damage and devastation that occurred at the end of 2009. I think it is great to see a product like this been introduced into our own country by a Roscommon company"

*Tony Ward - Mayor of Roscommon*

"I have seen first hand the multiple damage that the flooding caused to people's homes in Roscommon. I personally welcome a successful and responsive solution like the Big Bag Flood Defence System into Roscommon as it is a system that most people will understand."

*Cllr. Martin Connaughton (FF)*

"I could not believe the simplicity of the Big Bag System in terms of storage and actually placing it on the ground. From an Engineering point of view regarding some of the calculations I have carried out in relation to this system, it certainly more than meets the relevant criteria. It is a terrific product by all accounts."

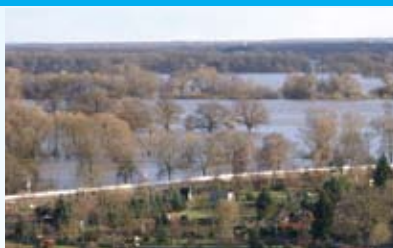
*PJ Moran - Civil / Structural Engineer*

### Factual Data (Ireland)

It took 174 army personnel, 24 trucks and 3 boats 24 hours to deploy 10,000 sandbags during the recent floods in Skibbereen Co.Cork in November 2009. This equates to 4176 man hours. The Big Bag System can be deployed in similar circumstances in approximately 1 hour with 2 people.



Deployment of The Big Bag System in Fargo, USA



600 meters barrier set up near the town of Rosslau/Germany (Elbe river flood 2007) ready in 6 hours by 8 men



Big Bag System onsite demonstration



Big Bag System is easily assembled

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