

BIG BAG PORTABLE FLOOD PROTECTION

COST EFFECTIVE – SAFE – EASY TO USE - FAST

CLIMATE EXPERTS ARE WARNING :
NATURAL DISASTERS ARE ON THE RISE !
MORE FLOODING IN ASIA !



Asia Flood Solutions is a Taiwan based company and we are the exclusive Agent for the BIG BAG flood protection system for Asia and Australia / New Zealand (Eurasia). Our BIG BAG flood protection system is backed by German innovation and engineering and has been very successfully in operation in Europe and the US since 2007.

BIG BAG portable flood protection system

- Our new and innovative BIG BAG system is developed as a fast and easy portable flood protection system to effectively protect communities and properties from flooding. The BIG BAG system is patented in Europe, USA and Asia.
- Our BIG BAG system consists of 5 individual BIG BAGS which have been pre -assembled in our factory in Germany into a 4.5 meter long system so that in case of flooding, the BIG BAG system can be set up in a matter of minutes. The BIG BAG system can be extended to any length by connecting it to the frame of another BIG BAG system using standard wooden screws.
- The BIG BAG system can be stacked to a maximum height of 2.4 meters.
- Each system is connected by in an inbuilt u – shaped wooden frame using standard wooden screws.
- The BIG BAG system can be set up by just two persons.
- After setting up the BIG BAG system, the bags will be filled with sand by means of concrete truck, earthmover, excavator and any other suitable earth moving equipment.
- In order to achieve the best possible waterproofing, it is recommended that the BIG BAG systems are filled with local sand at the point of usage. After filling is complete the structure of the bag combined with the weight of the filler ensures that the bags become very stable and secure.
- No need to prepare the ground prior to the set up our BIG BAG system.
- There will be no damage to the environment after the BIG BAG system is removed.

Assembly in our factory



System set up at location of use



Easy and fast filled with sand



Deployment of the BIG BAG system



Disassembly of the BIG BAG system

- After usage, our mobile flood protection system can be quickly and easily disassembled.
- Our system consists of 5 individual BIG BAGS – each with **4 lift loops**. When bags are lifted (by means of crane, earth mover or fork lift) – the wood screws between each bag will loosen and **each individual** bag can be transported **seperately** (including it's sand content).
- This job can be done by **just two persons**.
- The BIG BAGs are made of a special fabrics, so that sand during usage of our system will not be polluted. Later on this sand can be reused.
- The BIG BAGs are made of food-safe polypropylen fabric and wood and can be recycled environmentally friendly.
- **The deployment locations can be cleaned with minimal effort.**

Disassembly of the BIG BAG system



Benefits of the BIG BAG system

EFFECTIVE :

SECURELY BLOCKS LARGE AMOUNTS OF WATER

SECURE :

STANDS FIRM USING VERY TOUGH PP-FABRIC

EASY TO USE :

WHEN SETTING UP AND WHEN DISASSEMBLING

ECONOMICAL :

COMPETITIVE PRICING (1 SYSTEM REPLACES ABOUT. 670 CONVENTIONAL SANDBAGS). SAVES TIME AND LABOUR COST.

ENVIRONMENTALLY FRIENDLY :

WE ONLY USE ORGANIC MATERIALS (PP- FABRICS DO NOT CONTAIN ANY HAZARDOUS SUBSTANCES)

PROVEN QUALITY :

BIG-BAG'S HAVE BEEN USED FOR INDUSTRIAL PURPOSES FOR DECADES AS ENVIRONMENTALLY FRIENDLY AND STURDY TRANSPORTATION BAGS.

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