



Mundo Product Co.,Ltd.
<http://www.mundoproduct.com>
sales@mundoproduct.com

“Mundo Product” INSTANT SANDBAG

“Mundo Product” instant sandbag, a replacement for the traditional sandbags in controlling floodwater, is a high-tech products which offers a new solution using recyclable type bags filled with environmental friendly water absorbent material SAP (Super absorbent polymer). “The water bags are incredibly quick to fill with water and their semi-porous inner liner has hundreds of absorbent crystals which retain the water against tremendous pressure.”

“The bags can be folded and take up a tiny amount of storage space compared with traditional sandbags which are heavy, unwieldy and deteriorate if stored for a long time. There is a danger that when they are needed in an emergency they can fall to pieces as they are dragged off shelves or pallets.

“They have to be replaced regularly which costs many thousands of pounds for big companies and local authorities who need palletized sandbags ready all year round for any emergency.”

Each bag holds an amazing 20 liters of water. The bags can simply be immersed in water and will then fill up within five minutes, which can be done at the scene. This means the super-lightweight folded bags can be retrieved from a central store and rushed to an emergency far quicker than traditional heavy sandbags.

They are also biodegradable and so can be disposed of in landfill sites.

1). PRODUCT STRUCTURE

Outer bags: natural jute material

Inner material: polypropylene plastic bag filled with water absorbent resin inside.

2). APPLICATION

-Residential protection

-Near sump pump areas

-Streets

-Factory protection



Mundo Product Co.,Ltd.

<http://www.mundoproduct.com>

sales@mundoproduct.com

- Store front protection
- Railroads
- Golf courses
- Hazardous Spill Containment
- Emergency Flood and Water Control
- Roadway construction and Barricades
- Sidewalk protection
- River banks
- Construction areas
- Soil Erosion and Fire Control
- Underground parking protection

And so on.

3). Advantage compare with traditional sandbags:

1. Save Money, Time, and Labor in working against flooding
2. Easy to use. Automatically inflates in only 5-10 minutes. Expands from half of kilo to 16KG, deploys quickly and easily.
3. Very efficient. Requires no more storage space than a normal, empty sand bag!
4. Easy to ship or move, Reusable!

4).Usage

1. Simply submerge the instant Bag into water. Bags will expand from half of a kilo to 16kgs in 5 to 10 minutes! These bags will inflate to 80-100 times of its weight.
2. After using, lay the bags in the cool dry place and let it natural drying! Discard as wastrel, it's non-toxic and environment friendly.
3. The remain un-use bag will be store in a indoor cool dry place for next emergency

5). PRODUCT SPECIFICATION

1 . Original size: 650(length)* 350(width)* 8 (high)mm

Size after absorb water: 600(length)* 300(width) *150 (high) mm



Mundo Product Co.,Ltd.

<http://www.mundoproduct.com>

sales@mundoproduct.com

2.Original weight: 0 . 42Kg±5%

Weight after absorb water: 16Kg±5%

3. Outer bag material: jute textile (bag density: 42*39)

Middle bag material: cotton textile

Inner material: water absorbent resin

4. Water condition: Freshwater, PH: 8 > PH > 4, water temperature: about 20 degree centigrade.

5. Inflatable period: 5-10minutes

6. Stress tolerance: ≥150 Kg

7. Packing: 15 pcs/Kraft bag

8. Kraft bag size: 740*415*80mm

9. Transportation and storage: waterproof

10. Expiry period : 6 years

6).Remarks:

1. Inflatable sandbags must firmly fix to the dike of river when preventing against flood. It should be connected by iron wire or jutes wire between bags.
2. Any breakage of the instant sandbag can not be used
3. Inner material SAP should spread average before using.



Mundo Product Co.,Ltd.

<http://www.mundoproduct.com>

sales@mundoproduct.com

