


pittman

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FLOOD CUBE

Water Activated Flood Cube

The **Flood Cube** provides protection against flood water in both domestic and commercial properties. Other applications include diverting water flow on roads, building sites, construction sites and to shore up river banks and lakes to prevent flood damage.

UK Flood Statistics

- 5.2 million people live in immediate flood risk areas or areas that are susceptible to surface water flooding
- 1 in 6 homes are at risk of flooding
- 40% of businesses do not reopen after suffering a catastrophic loss after a flood
- Flooding and managing it costs the UK around £2.2 billion each year
- The mental health impact of flooding can last for more than 2 years

Market Sectors:

Domestic homes, manufacturing and warehouse facilities, highways, emergency services, water companies, construction and local councils

Product Details

Composition:

Outer bag material: ultrasonic polypropylene non-woven fabric.
Internal material: hydrophilic nano-sap functional material as the main medium

Dimensions:

Flat L x W x H 400 x 360 x 30mm
Activated L x W x H 400 x 360 x 150mm

Weight:

Flat 0.33kg+5% and when fully activated 20kgs+5%

BENEFITS OF FLOOD CUBE

- Cube shape enables most effective barrier construction
- Barriers can be constructed to 1.2 metres high
- Carry handles on cubes to facilitate easier lifting
- Vacuum packed for easy storage of bag before activation, lightweight 0.33kg
- Weighing 20kgs on activation provides robust flood defence
- Rapid saturation 3-5 minutes on activation
- Easy disposal to landsread or general waste stream due to non-toxic contents
- 5-year shelf life, providing the product remains unopened



INSTRUCTIONS FOR USE:

- Open the outer packaging and carefully remove the Flood Cube
- Activate the Flood Cube by submerging in water using a sink, bucket, wheelie bin, watering can, hosepipe or even flood water
- Partial activation will occur in under 3 minutes, fully activated in approximately 5 minutes. Activation time can vary according to water temperature and flow rate. Use fresh water to activate (not salt water)
- Place expanded bags in position, these can be stacked up to 1.2m high for additional height when required
- After use the internal non-toxic environmentally friendly material can be dispersed into the ground. The outer sack should be sent to landfill or incineration depending on local government guidelines





Product Code & Quantities

FL-151-163

Pack of 4 Flood Cubes in a sealed poly bag with instructions and identification label

FL-151-161

Pack of 20 (5 x 4) Flood Cubes in a clip handled poly bag with instructions and identification label

FL-151-160

Pack of 40 (10 x 4) Flood Cubes in a box with instructions and identification label

Handling & Storage

Store in a dry and cool area. Shelf life of 5-years, providing unopened

First Aid Measures

Ingestion: Not applicable
Inhalation: Not applicable
Skin contact: Not applicable

Personal Protection

Respiratory: None required
Ventilation: None required
Protective gloves: None required
Eye protection: None required

Disposal Considerations

After use the internal non-toxic environmentally friendly material can be dispersed into the ground. The outer sack should be sent to landfill or incineration depending on local government guidelines

Transport Information

Hazard Class: Not regulated
Identification Number:
Not applicable

