



# FLOODbag

- Effectively block or divert floodwater from entering property thresholds
- Highly absorbent material and blocks the passing of further floodwater once fully absorbed.
- Environmentally friendly - made from biodegradable materials
- Soaks up leaks and spillages in difficult areas
- Quick and easy installation - 3 simple steps
- Easy to transport and store



Fernco Floodbags are absorbent bags filled with a super absorbent polymer (SAP), for protecting properties against flooding, drainage backflow, surface runoff and plumbing leaks/spills. This ideal solution is easy to store, and is a more effective alternative to traditional sandbags that often fall short of expectations.

Fernco Floodbags can be used in a wide variety of outdoor and indoor applications when it comes to protection from flooding. For outside purposes they can be used to protect doors and garages as well as covering air bricks and openings into properties.

As for indoor applications, they can be used to absorb leaks from damaged/broken plumbing pipes, prevent indoor water damage from broken boilers/house appliances and prevent backflow flooding rising through toilets.

The SAP technology within the Fernco Floodbag soaks up water in minutes - no need to manually fill sacks with sand, a time consuming process. The SAP inside simply absorbs the water to

create a taut, mess free flood bag which will continue to perform preventing water passing for up to 3 months, without losing any of its material.

This is more effective than a traditional sandbag, which over time will let water seep through becoming a less effective flood barrier and will leak sand which can potentially block drains, leading to further costs and issues.

## Outdoor & Indoor applications





Product Code	FB01 = 1 Vacuum pack containing 5 Floodbags
Description	Fernco Floodbag Supplied in box quantities of 5 packs per box Pallet quantity = 20 x Boxes / 100 x Packs
Material	Super Absorbent Polymer
Storage Duration	5 Years - Inside its vacuum packaging
Coverage	5 Floodbags (1 pack) = Cover a typical house door

	Height (mm)	Width (mm)	Length (mm)	Weight (Kg)
Before Hydration (Dry)	12	520	470	0.375
After Hydration (Wet)	200	520	470	20 - 25

*\* Dependent on water temperature, or type of liquid, when activated the Floodbag will weigh between 20KG and 25KG.*

## Floodbag Construction

Each Floodbag is made up of 4 layers with 12 internal absorbent sections creating a multi-chamber system to keep the water fully absorbed. These absorbent chambers are then sewn together into an outer sleeve of a nonwoven material. This design allows the bag to maintain its structural shape and not move around changing its shape like with traditional sandbags.



**1 Bag = Absorbs up to 20 litres of water**

### Sandbag

- ✗ Requires time consuming manual filling
- ✗ Bulky and takes up space
- ✗ Porous over time
- ✗ Can deteriorate if stored for a long time
- ✗ Heavy to lift and position
- ✗ Saturated with an uneven structure

**VS**

### Floodbag

- ✓ Pre-filled and quick and easy to deploy
- ✓ Flat packed for easy storage
- ✓ Robust to prevent water passing through
- ✓ Vacuum packed for storage longevity
- ✓ Lightweight and easy to use
- ✓ Designed to retain and maintain shape
- ✓ Multi-purpose for indoor and outdoor usage
- ✓ Effective Emergency solution
- ✓ 5 Year storage life

**60 bags**  
per pallet



will protect **10-12** homes

**500 bags**  
per pallet



will protect **100** homes





# Installation



## Easy installation steps

1. Open the plastic bag, making sure not to damage the Fernco Floodbags.
2. Saturate your Floodbags in water for a minimum of 5 minutes.
3. Place expanded Fernco Floodbags in layers to build a barrier outside the property.

After the flood event is over, ensure responsible disposal of Fernco Floodbags for a cleaner environment. Dispose of the biodegradable inner materials in line with national or local disposal rules and regulations. Always wear gloves during disposal, as the Fernco Floodbags may have been in contact with contaminants, such as sewage in flood water.

*For internal use - use dry Fernco Floodbags to absorb leaks from water systems & appliances inside the home*

# General Information

## Quality, Standards and Approvals

Fernco has been certified by the British Standards Institution (BSI) as a company of assessed capability, with a quality management system which meets the requirements of BS EN ISO 9001:2015

Fernco, part of the Fernco Group, are the leaders in wastewater connection innovation; utilising the most advanced methods and techniques for precision-manufactured products, all of which comply with or exceed relevant British and European standards to ensure reliability and sustainability.

## Environment

Fernco operate Environmental Management Systems which are certified to ISO 14001: 2015.

## Supply

Fernco are proud members of the Builders Merchants Federation (BMF). All Fernco products are supplied through a national and global network of distribution and merchant partners. For stockist details, contact Fernco.

## Technical Support

Fernco have a team of product experts on hand to support all customers with technical support and advise.

Contact Fernco Technical Department:

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