



# LAKESIDE FLOOD SOLUTIONS

**LEADING UK SUPPLIER &  
INSTALLER OF FLOOD  
DEFENCE SYSTEMS**



**RESIDENTIAL**





## ABOUT US

Lakeside has been established for 30 years in the UK Door and Security industry, both manufacturing and installing our products nationwide. By dealing direct with ourselves, we can ensure:

✓ **Quality Guarantee** - you can be assured that both the product and services you receive will be of the utmost highest standard

✓ **Price Promise** - we can ensure the most competitive rates, no third parties involved

✓ **All installations are carried out in-house** by our highly trained and experienced Lakeside Operatives, and overseen by a Supervisor with 10+ years' experience in the installation of flood defences. In this way, we know that our products will be installed correctly for you

✓ **Ongoing Maintenance** - Our in-house installation services also result in the added benefit that any future maintenance checks will also be dealt with both directly and efficiently



**OPENING DEFENCE**



**DOOR DEFENCE**



**WINDOW DEFENCE**



**SEWAGE DEFENCE**



**BRICK DEFENCE**



**WALL DEFENCE**



**WE DELIVER AND INSTALL NATIONWIDE**



### Offices in England & Wales

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# THE LEADING DEMOUNTABLE FLOOD BARRIER SYSTEM

The UK's Leading System, tested to 2.1m H with zero leakage.

The Lakeside Flood Barrier system represents the most robust form of protection available due to its exclusive ground U channel ensuring a continuous watertight seal.

The system is also extremely user-friendly; it can be easily installed within seconds in the event of a flood alert, and then easily removed and stored away when not required.



## THE LAKESIDE DIFFERENCE

**Unique product features, superior to any other flood barrier:**

- **Robust aluminium yet lightweight;** easy to install and store away by one person
- **Extremely user-friendly; no tools required** for self-installation within seconds
- **Discreet ground U channel** and bespoke interlocking system ensures **continuous watertight seal**
- **Anodized finish,** maintenance-free
- **2 year guarantee**
- Ongoing optional **annual maintenance check,** offered direct with Lakeside
- **Tested up to 2.1m high with zero leakage** and **proven to work in real-life floods**



**Our Demountable Flood Barrier provides a lightweight, quick and simple flood protection solution.**

# THE LEADING DEMOUNTABLE FLOOD BARRIER SYSTEM

Our system is extremely versatile to suit a range of openings including:

## SINGLE DOORS



## PATIO DOORS



## DRIVEWAYS



## GARAGES



## BUND WALLS



# THE LEADING DEMOUNTABLE FLOOD BARRIER SYSTEM

We offer a wealth of tailored accessories to ensure the most efficient and secure deployment, as well as an aesthetically-pleasing finish.



## SIDE POST COVER PLATES

Covers to completely conceal the flood barrier side posts and all visible fixings. Manufactured from anodized aluminium, the covers can be powder coated to any RAL colour.



## STOCK ITEMISATION

Full Stock Itemisation of all flood barriers using a simple colour coded system, to ensure simple and quick self-installation of the system when required.



## POWDER COATING

Powder coating of all visible fixings - side posts and ground U channel cover plate - to ensure seamless aesthetic fit with your home.



## STORAGE RACKING UNITS

Wall-mounted storage solutions, available in vertical or horizontal format.

# FLOOD GATES

An effective, rapid-deployment solution.



Flood Gates are easy to maintain and can be easily operated by one person, thus representing a quick deployment option.



Flood gates are suitable for a wide range of applications and are available with the following design and function options:

- Single or double leaf
- 90 or 180 degree opening span
- Manual or automatic operation
- Optional sliding function
- Optional lift-hinge function

The gates can be finished with an epoxy paint finish to desired RAL colour or timber cladding to suit your preference and ensure seamless aesthetic integration with your property.

## THE LAKESIDE DIFFERENCE

### Unique product features:

- Easy to operate by one person
- Tested with zero leakage
- Stainless steel; all steelwork in accordance with BS EN 10025
- Galvanised fixings and hinge studs
- Blast cleaned and painted to desired RAL colour

## uPVC FLOOD DOORS

A popular passive flood defence solution for single and double doors.

Lakeside uPVC Flood Doors are tested to protect against flood water up to 600mm high, therefore representing a passive flood defence solution for properties subject to lower levels of flooding.

With a wide range of styles and finishes, including an optional wood grain finish, the doors offer flood protection whilst maintaining the existing aesthetics of your property.



### THE LAKESIDE DIFFERENCE

**Manufactured to the highest specification:**

- High security locking
- Unique seals and hardware
- Tested to BSI PAS 1188-1

## COMPOSITE FLOOD DOORS

Passive flood defence with the added benefit of thermal efficiency.

A composite flood door provides the added benefit of superb thermal efficiency, independently tested to be superior to traditional timber doors and timber core composite doors.

As per our uPVC doors, Composite flood doors are also manufactured bespoke to order, with a wide range of styles and finishes to suit your property, and protect against flood water up to 600mm high.



### THE LAKESIDE DIFFERENCE

**Manufactured to the highest specification:**

- 70mm double rebate
- Rigid polymer sub frame
- High density insulate core
- High impact resistant GRP skins
- Laminated, triple glazed glass
- Bespoke gasket arrangement
- Unique seals and hardware
- High security locking



## FLOOD WINDOWS

A passive flood defence measure to protect windows from water ingress.



Available in either Aluminium or uPVC, our bespoke flood windows provide robust flood protection yet still provide an aesthetically-pleasing passive flood defence solution for your premises.

### THE LAKESIDE DIFFERENCE

#### Manufactured to the highest specification:

- Slimline Frame, powder coated
- Single glazed, toughened laminate glass
- Georgian bars where required
- Fixed or outward-opening



## SEWAGE DEFENCE

A range of automatic and manual measures to prevent backflow of sewage and rising water both inside and outside a property.

### SUBMERSIBLE SUMP & PUMP SYSTEMS

A crucial flood defence solution for properties subject to flood water rising below ground.



The submersible pump system is installed below ground to a bespoke sump. The pump has an integrated float switch which enables it to automatically switch itself on in the event of rising water, pumping water out and away from the premises.

#### Unique product features:

- Automatic activation with float switch
- High output of 292 litres per minute
- Suitable for dirty water; takes solids up to 35mm
- Robust, double Stainless Steel housing

### SURFACE WATER PUMPS

A quick and easy measure to pump water away at ground level.

Often referred to as “Puddle Suckers”, surface water pumps are positioned outside on the ground surface during rising water to drain water away from the premises.



#### Various pump options to suit your requirement:

- Automatic or manual operation
- Pump water down to as low as 1mm
- Outputs of up to 217 litres per minute
- Compact design available with built-in, adjustable float switch
- 10m power cable and 10m lay-flat discharge hose included with each pump

### NON-RETURN VALVES

A simple solution to prevent backflow of sewage into a property.



Different sizes available to protect both larger and smaller waste outlets.

## BRICK DEFENCE

A range of automatic and manual measures to prevent water ingress through air bricks and vent openings.



### ANTI-FLOOD AIR BRICKS

An automatic, permanent flood protection solution.

It acts as a standard airbrick allowing unrestricted airflow underneath the property, yet under flood conditions it uses the rising water to automatically shut off, inhibiting water ingress through the airbricks and therefore flooding underneath the property.



#### Unique product features:

- Automatic device
- Permanently fitted
- Floating valves to prevent water passing back through the airbrick
- No mesh to restrict airflow which could cause damp and dry rot
- Proven to work in real floods and over 350 hours of independent tests
- Hand-made / Individually tested
- Innovative patented design
- Full back-up replacement parts available
- High performance, high tear strength seal

### VENT COVERS

rapid-deployment option for preventing water ingress to existing air vents.

The vent cover only takes a few minutes to install, and effectively offers flood protection to low lying vents.

#### Unique product features:

- Easy and quick to deploy
- Available in Stainless Steel or Aluminium
- Waterproof rubber ensures robust seal
- Manufactured bespoke to any size



## WALL DEFENCE

A range of passive flood defence measures to prevent water seepage through walls.



### WATERPROOF WALL SEALANT

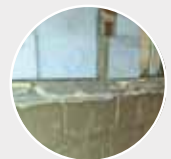
A transparent sealant applied to walls to prevent seepage of water through brickwork or stonework.

An important flood protection measure when flood water is longstanding against a property for a significant length of time.



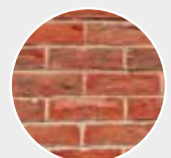
### TANKING POLYMER

To mitigate water seepage, ground moisture and dampness.



### RE-POINTING

Re-pointing of walls with water-resistant mortar.



### RENDERING

Rendering of external walls above flood threshold level.





## Combating the 2015 floods

Cumbria, Lancashire and West Yorkshire.  
October 2015 - March 2018

### BACKGROUND

The cost of damage caused by the 2015 floods following Storm Desmond and Storm Eva is estimated to top £5bn.

The commercial impact has evidently been greatly intensified by the devastating emotional impact caused to homeowners, which persists throughout numerous communities nationwide.



### SOLUTION

Lakeside worked across Cumbria, Lancashire and West Yorkshire providing flood defences to over 300 residential properties.

The flood defence measures were complete, holistic solutions covering all points of potential water ingress from door defence with flood barriers and flood doors to ancillary protection measures covering sewage defence, brick defence and wall defence.



## TESTIMONIALS

*...both of the installers were extremely helpful and professional. I would certainly recommend Lakeside Flood Solutions."*

**Shery Holdsworth**  
Hebden Bridge, Calderdale

*"Thanks again to Team Lakeside, after the floods destroyed our year, you guys helped us get back on track".*

**Jim & Angie Gallagher**  
Park Road, Elland, Calderdale

*"Thank you generally for your company's excellent service."*

**David Peacock**  
Milantheorpe, Cumbria

*"The installers are excellent ambassadors for your company - very polite and diligent. I preferred your barrier system over any other on the market."*

**Keith Monk, Retired Regional Engineer for Siemens**  
Milantheorpe, Cumbria



## Composite Flood Doors for Anglian Water customers

Suffolk. March 2017

### BACKGROUND

Anglian Water were required to provide flood defence measures to selected homeowners' properties in Kesgrave, Ipswich as a result of a burst water pipe in the area.

Anglian Water instructed Lakeside to provide an optimal flood defence solution for the properties, taking into account the nature of the flood event and homeowner preferences.

### SOLUTION

Lakeside installed a selection of bespoke uPVC and Composite flood defence doors to all single and double doors on the premises.

We carried out full project management from survey, manufacture and installation of the doors.

Despite the works being of a particularly sensitive nature given the source and reasons behind the flooding event, Lakeside worked to ensure a seamless process from survey to installation with minimal disruptions to homeowners.



## TESTIMONIALS

*"The job went well. Everything was on site in a timely manner and there was always someone on hand to iron out any issues. I was impressed with how you overcame some difficult situations and left the customers feeling happy with their new products".*

Lee Stallibras  
Anglian Water



## Protecting Cockermouth's historical market place

Cockermouth. August 2016

### BACKGROUND

The Owner of JB Banks & Co. Ltd, required flood defences to both commercial and residential premises following Storm Desmond.

Given the historical nature of Cockermouth as a market town, along with the Store's 180 year trading history, the flood defence solution was required to have seamless aesthetic integration with the premises, as well as evidently being extremely robust.



### SOLUTION

Lakeside installed the Lakeside Barrier to all openings due to its versatility, extremely quick deployment ability within seconds and its watertight nature due to the bespoke ground U channel.

In order to ensure the system was in keeping with the aesthetic nature of the premises, bespoke side post cover plates were installed to all barrier side posts, powder coated to match the premises.



## TESTIMONIALS

*"I've already been asked about the defences by several people. They are certainly miles better than any others I've seen around the town & I'm sure they'll help me when it comes to reinsurance. The team were great & deserve a pat on the back."*

**Vanessa Graham,**  
Owner, JB Banks & Co Ltd.

We are proud to serve a Prestigious Client Base:



We offer a FREE, no-obligation survey & quote

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