

FCI COMPLETES LARGEST POSEIDON UP INSTALLATION TO DATE!

8 Poseidon Up Barriers installed
on one site in South Croydon!

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RAY MOULDS JOINS IPFRA EXECUTIVE BOARD

Learn more about Ray's
appointment to the IPFRA
Executive Board and what it
means for FCI.

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CHOOSING THE RIGHT FLOOD PROTECTION

From demountable barriers to
passive systems, explore more.

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FLOODCONTROL
INTERNATIONAL



Welcome to the Summer 2026 edition of The Water Stops Here®

This issue explores the latest projects, developments and insights from across Flood Control International, from completing our largest Poseidon Up installation to date in South Croydon to strengthening our international industry relationships through organisations such as IPFRA.

We look at choosing the right flood protection for different sites, integrating protection into architecture, and what changing weather patterns such as El Niño could mean for future UK flood risk. We also explore the importance of correct installation and long-term performance, alongside the latest work of local flood groups.

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Stay informed. Stay protected.

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FCI COMPLETES LARGEST POSEIDON UP INSTALLATION TO DATE IN SOUTH CROYDON

Flood Control International has completed its largest installation of the Poseidon Up passive flood barrier system to date at a commercial business park in South Croydon, London.

The project provides passive flood protection across eight access points around the site, helping protect the business park from flash flooding while allowing normal day-to-day vehicle and pedestrian access to continue uninterrupted.



Project Overview

Location: Commercial Business Park, South Croydon, London

Barrier System: Poseidon Up

Total Barriers Installed: 8

Vehicle Access: 3 barriers protecting openings up to 7.5 metres wide

Pedestrian Access: 5 barriers approximately 2 metres wide

Surface Finish: Hard oxidation coating for increased abrasion and corrosion resistance

Slip Resistance: Tested in accordance with BS 7976-2:2002 (Pendulum Test Method) and EN 16165



Passive Flood Protection

The Poseidon Up system is designed to remain hidden below ground during normal conditions, allowing unrestricted access.

As floodwater enters the barrier housing, buoyancy and stainless steel gas struts automatically raise the barrier into position, creating an effective flood defence without the need for electrical power, manual deployment or operator intervention.

Once water levels subside, the barrier can be lowered back into its housing, restoring full access.

Designed for High-Traffic Commercial Sites

The South Croydon business park experiences frequent vehicle movements alongside constant pedestrian access,

making durability and safety key requirements for the project.

The three vehicle barriers, spanning openings of up to 7.5 metres, have been designed to accommodate regular vehicle movements while protecting the barrier mechanism below. The five pedestrian barriers also incorporate a high-traction surface with a hard oxidation finish, providing excellent resistance to wear, corrosion and everyday use.

Surface performance has been assessed against recognised slip resistance standards, including BS 7976-2:2002 (Pendulum Test Method) and EN 16165, helping to ensure safe pedestrian access in wet conditions.



Delivering Continuous Flood Protection

By protecting all eight access points with passive barriers, the business park now benefits from continuous flood protection without changing day-to-day operations or relying on staff to deploy temporary defences during severe flash flooding.

“This project demonstrates how major commercial sites can achieve passive, 24/7 flood protection without compromising daily operations. Integrating eight passive barriers across key vehicular and pedestrian access points required careful planning and engineering, resulting in a resilient perimeter that responds automatically to flooding without the need for power or manual deployment.”

– Hugh Venton, Project Manager

Successfully delivering our largest Poseidon UP installation to date marks another significant step in the continued development of passive flood protection solutions for commercial sites. The completed project provides long-term resilience while integrating seamlessly into the day-to-day operation of the business park.



[Find out more about Poseidon UP](#)

To discuss a passive flood protection project with FCI or to learn more about the Poseidon UP passive flood barrier contact Flood Control International.

RAY JOINS IPFRA EXECUTIVE BOARD

Flood Control International, a global leader in flood protection solutions, is pleased to announce that Sales Director Ray Moulds has been appointed to the Executive Board of the International Property Flood Resilience Association (IPFRA). The appointment took effect on 1 July 2026 and reflects both Ray's extensive experience within the flood resilience sector and Flood Control International's ongoing contribution to advancing flood resilience worldwide.



With decades of experience supporting complex flood protection projects worldwide, Ray brings valuable commercial, technical and strategic expertise to the Association's leadership team. His appointment further strengthens IPFRA's Executive Board as it continues to promote best practice, encourage collaboration across the industry and support the continued development of professional standards within the property flood resilience sector.

FCI has delivered certified flood protection

solutions for critical infrastructure, commercial developments, industrial facilities, public sector buildings and residential properties throughout Europe, North America, Asia, the Middle East and Australasia. The company's global experience will provide an important perspective as IPFRA continues to expand its work across the industry.

The appointment follows a successful first year for IPFRA, during which the Association has established itself as a leading voice for the property flood resilience sector. Through engagement with government, industry and stakeholders, IPFRA has helped drive improvements in standards, encouraged greater collaboration and contributed to initiatives such as the FloodReady Action Plan.

Commenting on his appointment, Ray Moulds said: *"It is a privilege to join the Executive Board of IPFRA at such an important time for our industry. As flood risks continue to increase around the world, collaboration, innovation and high professional standards are essential if we are to improve resilience for communities and businesses. I look forward to working with my fellow Board members to support the Association's continued growth and help drive positive outcomes across the sector."*

Everyone at FCI congratulates Ray on his appointment and looks forward to supporting his work with IPFRA as the Association continues to strengthen the future of property flood resilience.



CHOOSING THE RIGHT FLOOD PROTECTION

There is no single flood protection solution that works for every site.

A building entrance, loading bay, infrastructure site or commercial development can face very different flood risks. The right system needs to reflect how the site operates, the potential flood conditions and how the protection will be deployed.

At Flood Control International, we design and supply a wide range of flood barriers and flood gates, from removable slot-in systems to fully passive solutions.



What should you consider?

Does the protection need to be removable? Demountable barriers are ideal where entrances, public spaces or access routes need to remain completely clear when flooding is not a risk. FCI's FM Approved systems can be designed around individual openings, including corners, radiuses, steps and slopes.

Does the site need protection that is always ready? Where there may be nobody available to deploy a barrier, or flooding could occur quickly, automatic or passive systems can provide protection without manual intervention. The Poseidon Up barrier, for example, is activated by floodwater itself.



Is visual impact important? Flood protection can be integrated into the architecture. Glass flood barriers maintain visibility and openness, while recessed systems such as Poseidon Up and removable slot-ins can leave areas clear when not required.

What access needs to be maintained? Pedestrian, vehicle, forklift and disabled access can all influence the choice of system. FCI's flood gates are available in lift-hinge, swing-hinge, sliding and pivot configurations to suit different applications.



What flood conditions must the system withstand? Designs need to consider flood depth, hydrostatic pressure, debris impact, wave loading, ground conditions, site geometry and the duration of flooding. FCI systems are individually engineered for their intended application, with calculations and drawings available where required.

Does certification matter? FCI has FM Approvals certified flood protection products, including demountable and glass flood barrier systems.



Flood Protection Designed Around Your Site.

Flood protection should be designed around the site and the people who use it.

Every location has different requirements, from the level and speed of potential flooding to the way entrances, access routes and public spaces are used. The right solution needs to provide effective protection while fitting seamlessly into the way the site operates every day.

At Flood Control International, we work with architects, developers, contractors, infrastructure operators and property owners to understand these requirements and develop flood protection solutions tailored to the application.

Whether you need a removable barrier, integrated glass flood protection, a flood gate or a fully passive system, we can help identify the most appropriate approach.

If you are considering flood protection for a new development, existing building or critical infrastructure site, contact our team to discuss your requirements and explore the available solutions.



Designed Around the Site Effective flood protection is about more than stopping water. It is about protecting the site while allowing it to function normally.

Whether that means a removable slot-in barrier, a discreet glass flood wall or a passive system, the solution should be designed around the site and the people who use it.



WHEN FLOOD PROTECTION BECOMES PART OF THE ARCHITECTURE

How do you protect vital underground transit systems from flooding without compromising the open, light-filled aesthetic of a modern concourse?

Our recently completed project in Gothenburg demonstrates how sophisticated flood protection can be integrated seamlessly into contemporary architecture.

Installed around four major escalator pits, the glass barriers form an integral part of the architectural environment rather than appearing as an afterthought. The system works in combination with slot-in flood barriers positioned across the tops of escalators, stairwells and lift openings, creating a watertight perimeter when flood protection is required.



The result is a solution that delivers two things that are often difficult to reconcile: serious flood resilience and exceptional architectural aesthetics.

Glass allows natural light and sightlines to be preserved, while the integrated barrier system provides a critical line of defence against floodwater entering the underground transit network through its most vulnerable access points.



With the Gothenburg installation now complete, the finished result demonstrates just how discreet high-performance flood protection can be when it is considered as part of the architecture from the outset.

And Gothenburg is just one example of where this approach is taking us. We have recently secured a high-end residential project in Connecticut, alongside public-sector projects in Florida and California, further expanding our work across demanding architectural and infrastructure environments.

From major transport hubs to luxury residential developments, we continue to develop flood protection solutions where performance, engineering and design have to work together.

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COULD EL NIÑO INCREASE UK FLOOD RISK?

El Niño doesn't directly cause individual UK floods, but the Met Office says the 2026 event could make wetter, stormier conditions more likely across north-western Europe this autumn and early winter. For businesses and infrastructure operators, that's reason enough to take a fresh look at drainage, emergency plans and flood protection measures.

After months of unusually dry weather, flooding probably isn't top of mind for many property owners, businesses and infrastructure operators right now. But the picture is shifting.

The Met Office has warned that the 2026 El Niño could be the strongest in living memory, and possibly the strongest since the nineteenth century. El Niño itself originates thousands of miles away in the tropical Pacific, but its effects ripple outward, influencing atmospheric circulation and weather patterns worldwide. For the UK and north-western Europe, that means a real chance of wetter, stormier conditions building through autumn and into early winter.

That's not to say El Niño will single-handedly cause flooding, or that every storm this winter can be pinned on it — plenty of other factors are at play too, and its influence on British weather is indirect. Still, it's a useful nudge: flood risk doesn't stay still for long.

From dry conditions to a wetter outlook
This year, the contrast is hard to miss. The

The UK has just come through a stretch of prolonged heat and exceptionally dry weather, putting real pressure on water resources and pushing parts of the country into drought. Against that backdrop, a wetter autumn and winter might sound like welcome relief.

It isn't quite that simple, though. Rain arriving after a long dry spell brings its own set of problems. When heavy rain falls in a short window, drainage systems can quickly become overwhelmed. Rivers and surface-water systems respond fast, and low-lying areas, transport networks, commercial premises and critical infrastructure can all find themselves exposed.

Total rainfall isn't really the deciding factor here — how intense it is, how long it lasts, where it falls, and the condition of local drainage and watercourses all matter just as much, if not more.



What is El Niño, and how does it affect UK weather?

El Niño is part of the El Niño-Southern Oscillation (ENSO), a natural climate cycle involving shifting sea-surface temperatures and atmospheric circulation across the tropical Pacific.



During an El Niño event, unusually warm ocean temperatures in the central and eastern tropical Pacific end up influencing atmospheric circulation well beyond the region itself — altering the position and behaviour of weather systems and jet streams, and shifting the odds toward particular weather patterns around the world.

For the UK, it's rarely straightforward. El Niño is just one of several climate drivers shaping British weather. That said, historical patterns do suggest it tends to push the odds toward a milder, wetter and windier start to winter — and the 2026 event is drawing particular attention because of its potential strength, with Pacific sea-surface temperatures forecast to climb well above average.

Why Flood Preparedness Matters

For anyone responsible for protecting buildings, infrastructure or critical operations, the point isn't to predict exactly what El Niño will bring — nobody can do that with any real precision. What matters is recognising that shifting weather patterns make preparedness more important, not less.

A business doesn't need to sit beside a major river to flood. Surface water, overwhelmed drainage networks, blocked culverts and intense rainfall can all cause serious problems on their own, and when flooding does hit, the fallout often reaches well beyond the physical damage.

It can disrupt production, force premises to close, damage equipment, cut transport links and knock supply chains off course. For organisations running critical infrastructure, even a short interruption can have knock-on effects that reach far beyond the flooded site itself — which is exactly why preparation matters most during the periods when flood risk doesn't feel obvious.



Review your site's flood resilience

If your organisation needs to review an existing flood-protection system or weigh up the options for a vulnerable site, contact Flood Control International to discuss your requirements.

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INSTALLING FOR LONG-TERM PERFORMANCE

A well-designed flood protection system is only as effective as its installation. Getting it right on site is essential for reliable, long-term performance when protection is needed most.

The installation stage is where design meets reality. Every site brings its own challenges, from existing structures and ground conditions to access, drainage and operational requirements.

This makes installation much more than the final step of a project. It is an opportunity to ensure the system works as intended within its real-world environment.



At Flood Control International, we support projects from the initial order and design through to on-site installation, helping to maintain continuity throughout the process. By working closely across each stage, potential challenges can be identified early and the design intent carried through to the finished installation.



Attention to detail

Correct positioning, alignment, fixings and sealing arrangements can all contribute to the final performance of a flood protection system.

Getting these details right at installation helps establish the foundations for long-term reliability and ease of use. It also provides an opportunity to identify any changes or challenges that may have emerged during construction.

But installation is only part of the journey. Flood protection systems may remain unused for long periods before being called upon, making ongoing inspection, maintenance and testing important to ensure they remain ready when required.

Supporting long-term resilience

Successful flood protection is about more than supplying a product. It requires good design, quality installation and appropriate ongoing support.

By supporting projects from initial design through to installation, maintenance and beyond, Flood Control International helps customers maintain confidence in their flood protection throughout its operational life.

Because when flood protection is needed, there is no room for uncertainty. It needs to perform exactly as intended.

WHEN THE WATER RISES, COMMUNITIES RESPOND

Local flood groups across the UK are proving that resilience starts long before the rain arrives.

“Flood resilience isn’t just about protecting buildings, it’s about protecting people, sharing knowledge and preparing together.”

When flooding threatens, emergency services are often the first people we think of. But behind the scenes, local volunteers are playing an increasingly important role in helping communities prepare for, respond to and recover from flooding.

Across the UK, community flood groups are monitoring water levels, organising equipment, developing emergency plans and making sure residents know what to do when severe weather strikes.

In Perth, Perth Community Flood Aid was established following repeated flooding in the area. The group has helped residents explore property flood resilience measures, set up sandbag stations and introduced river-level monitoring to provide early warnings when water levels begin to rise.



The focus is on practical preparation. By giving residents access to information, equipment and local support, the group is helping people take action before flooding becomes an emergency.



Further south, the Cornwall Community Flood Forum has developed a county-wide network supporting more than 200 members. Its work includes helping communities create flood plans and training volunteer Flood Wardens who can provide local knowledge and support during an emergency.



FloodClip - Peace of Mind, Piece by Piece.

In Lostwithiel, new Flood Wardens recently took part in a live exercise designed to test the community's emergency plan. The exercise allowed volunteers to practise communication, coordination and response, while identifying improvements that could be made before a real flood occurs.



These examples highlight an important lesson: resilience is not simply about physical flood defences.

It is also about people.



Neighbours knowing who may need help. Volunteers knowing where equipment is stored. Communities understanding how quickly water can rise. And local groups working alongside councils and emergency services.



Flooding cannot always be prevented, but its impact can be reduced.

From Perth to Cornwall, communities are showing that preparation, local knowledge and cooperation can make a real difference.

Because when the water rises, a community that has prepared together is better placed to respond together.

Supporting Community Resilience

FloodClip is helping bring practical flood resilience solutions closer to the communities that need them. By connecting people with flood protection products, information and real-world experience, FloodClip aims to make preparing for flooding more accessible and straightforward.

The stories of communities such as Perth and Cornwall show why that work matters. The earlier people prepare, the more options they have when the water comes.

