FLOODCONTROL INTERNATIONAL

FLIP-UP BARRIERS

Designed to provide totally unrestricted access to pedestrian and vehicle entrances, this self-raising flood barrier is fully recessed in to the ground when not in use. A range of surface finishes is available; from skid resistant epoxy coatings to timber cladding or paving to fit in with the external hard landscaping.

These flood barriers can rise automatically with the rising flood waters or by push button in advance keeping you in control for complete peace of mind. Uninterruptible Power Supply (UPS) and manual backups mean these barriers will not let you down.

A single system can protect openings up to 12m wide and multiple systems can be linked with intermediate posts to create a flood defence run of almost any length. Depending on span, flood defence heights of up to 4m are available.

Movement and weight sensors prevent the barriers opening if the entrance is obstructed whilst optional audio/visual alarms sound prior to and during operation.

Optional 24 volt back-up systems are available for use in the event of mains failure and permanently installed security grates cover the housing pit - serving as both a safety platform for traffic and pedestrians and as protection for the hydraulic system while the barrier remains raised.

These barriers are designed for pedestrian and vehicle entrances, or anywhere where unrestricted level access is required.

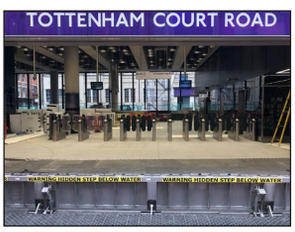
Fully automatic flood barriers that fully recess into the ground - flood depths up to 4m as standard, up to 12m length per unit.

USES

- Public area flood protection schemes.
- Underground garage or car park entrances.
- Anywhere where unrestricted level access is required.
- Integrated into new developments for full time unobtrusive defence.

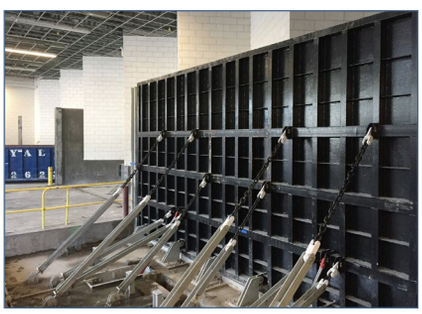
BENEFITS

- Fully recessed when not in use.
- No restrictions to openings or access.
- Fully automatic operation available.
- Push-button operation available to put you in control.
- Quick erection of large flood barrier.
- No deep excavations required as barrier lays flat when not in use.
- Flood barrier can be linked to alarm systems.
- Safety systems include visual / audible alarms when operating, dead stops activated by movement sensors.
- Totally vandal resistant as no exposed seals or components.



FLOODCONTROL INTERNATIONAL

DESIGN



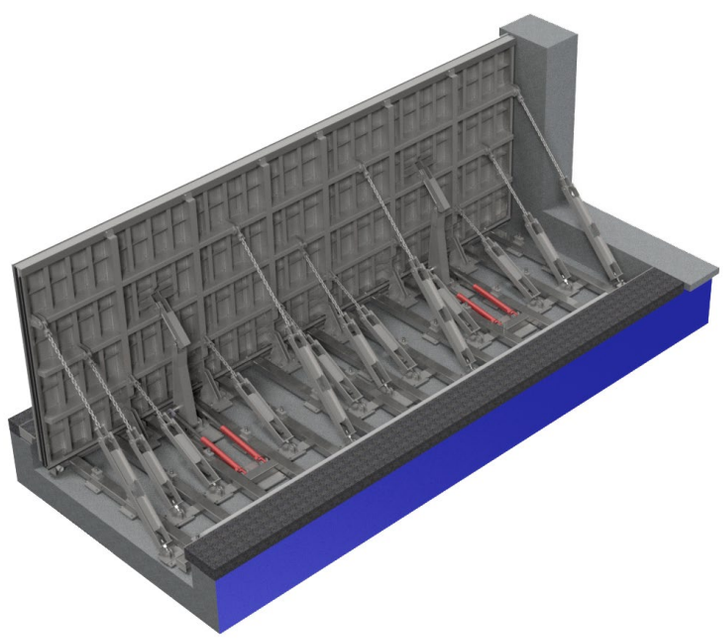
SIZES

- Single systems are able to span up to 12m.
- Maximum flood control heights of 4m are achievable.

CONFIGURATIONS

- Any length or layout is achievable using multiple span systems.
- Intermediate posts can be fixed or raised with previous spans.
- Surface finish to barrier can be non-slip epoxy coated, timber decked or clad to architect's specification.
- Various levels of automation available with remote connection or sensor control and/or push button operation.
- Barriers able to be raised manually in the event of a power failure.

INSTALLATION

- Barriers are mounted within a reinforced concrete pit. Barrier includes for a galvanised steel grating 200mm below external surface level.

BESPOKE CAD DRAWINGS