

## SLIDING FLOOD GATES

Flood Control International offers a full design, manufacture and installation service for all types and sizes of Heavy Duty Flood Gates.

All our gates are individually designed and engineered for the specific customer's requirements. Whether it is a hinged or sliding, it will provide the protection against flood water or chemical spills. Our largest single heavy duty door to date is 6.4m wide and 4.4m high, yet is still operable by a single person.

The gates are designed to incorporate automation of closure, locking and monitoring status where needed.

Hinged or sliding gates can be designed to seal with flood water assisting sealing or against the water pressure as required, meaning they can operate over a dead level threshold.

Sliding gates incorporate spring wheels to allow an easy sliding operation with the ability to compress seals when in position. Alternatively, inflating seals can be used. The sliding gate design also allows for efficient use of space, with no 'swing area' required.

Our Design Team welcomes the opportunity to work alongside architects or directly with clients to identify the preferred solution. Doors can be clad with a variety of finishes to suit existing finishes so that the flood protection becomes part of the building aesthetic, rather than as a post-construction add-on.

*Hinged or sliding, our heavy duty flood gates are individually designed for each requirement.*



### USES

- Commercial flood defences.
- Ideal for where deep flood depths are possible.
- Major utility sites requiring vehicle access.
- Large openings in flood walls.

### BENEFITS

- Designed to fit any building or opening.
- Sliding flood gates have no 'swing area' and occupy little space.
- Any height or width combination possible.
- Full PI design insurance to give total peace of mind.
- All doors can be automated and linked to building management systems.
- Can integrate with building finishes for unobtrusive defences.
- Ability to power / automate closing and opening.
- No excavations required for installation.
- Always on-site ready to be deployed.



## DESIGN



### SIZES

- Gates and doors can be fabricated to suit any opening.
- Our largest installed gate to-date is 6.4m wide with a 4.4m flood control height.



### CONFIGURATIONS

- We are able to design to suit any requirement, depending on building characteristics.
- Large gates can be side hinged, sliding or raising, straight or bi-fold.



### INSTALLATION

- We are able to provide loading calculations to ensure that supporting walls are suitable for each application.
- Installation can be undertaken during main construction of the building, or post-construction by assembly of pre-fabricated components in-situ if required.



### BESPOKE CAD DRAWINGS

