



SLIDING FLOOD GATES

Flood Control International Inc offers a full design, manufacture and installation service for all types and sizes of heavy duty sliding flood gates.

All our gates are individually designed and engineered for the specific customer's requirements to provide the protection against flood water or chemical spills. Our largest sliding flood gates to date are 70ft wide and 10ft high, yet is still operable by a single person.

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

Our custom-made 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. Gates 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.

Our heavy duty sliding flood gates are individually designed for each requirement.



USES

- Commercial flood defenses.
- 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 gates can be automated and linked to building management systems.
- Can integrate with building finishes for unobtrusive defenses.
- Ability to power / automate closing and opening.
- No excavations required for installation.
- Always on-site ready to be deployed.





DESIGN



SIZES

- Sliding flood gates can be fabricated to suit any opening.
- Our largest installed gate to-date is 70 ft wide by 10 ft high.



CONFIGURATIONS

- We are able to design to suit any requirement, depending on building characteristics.
- Gates can be singles or multiples, depending on length of protection required.



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

