

SWING-HINGED GATES

Designed and built to the same high standards as our Lift-Hinged Gates, our Swing-Hinged Gates are ideal for opening where there is a step or ramp.

The aluminum construction results in a light and easy to use door that provides full protection. With precision engineered hinges the gates can open the full 180° and this can be further extended to 270° with modification.

Our Hinged Gates are designed for extreme weather durability to give a lifetime of service, custom gaskets designed to reform after prolonged compression, fully lockable and complete with anti-theft and vandal resistant features.

Designed to provide either flood protection or chemical containment in banded areas, the gates are securely sealed with 2 or 3 lever type locking handles. With the use of a removable center support, the gates can be paired to provide protection for wider openings.

The components are manufactured from construction grade steel and aluminum with stainless steel options for salt water environments. The systems are suitable for constant daily use and can be left semi-permanently installed.

Our flood gates are virtually maintenance free due to:

- T6 grade stainless components
- Lifetime lubricated phosphor bronze hinges
- Powder coated marine grade aluminum beams
- A 50 year design life.

Our Swing-Hinged Gates are designed for extreme weather durability to give a lifetime of service.



USES

- Pedestrian flood gates.
- Gateways in flood defense walls.
- Building openings where steps are allowed.

BENEFITS

- Single person operation.
- Lightweight - requires less massive supporting structure.
- Easy installation.
- Virtually maintenance free due to aluminum and stainless steel construction.
- Single point locking.
- Can open inwards or outwards up to 180°.



DESIGN



SIZES

- Single aluminum Swing-Hinged Gates are available up to 5 ft wide and 5.2 ft high.
- Double gates are available with demountable central posts for flood situations.
- Steel flood gates can be made to any size – our largest to-date is 21 ft wide by 14.4 ft high.



CONFIGURATIONS

- Swing-Hinged Gates require a step to close against.
- Gates can be integrated into glass barrier systems.
- Gates can be integrated with lift-hinged vehicle gates or demountable barriers for increased flexibility.



INSTALLATION

- Gates require adequate walls either side and a step to seal against.

BESPOKE CAD DRAWINGS

