

## CONTAINMENT BARRIERS

Flood Control International produces bespoke engineered Chemical Containment Barriers that can isolate a whole site or just part of a site to retain spillages or fire-fighting run-off on the premises.

Depending on a particular site's risk assessment they may be operated manually or triggered by means of automatic sensors. Such sensors may be triggered on sumps being filled or the fire alarm being activated to ensure rapid response even on sites where an event may not be immediately noticed.

Our Containment Barriers allow vehicle and pedestrian access through bunds when required and save space that would otherwise be taken up with ramps to maintain a bund level.

Containment gates can also be specified that swing across an opening with a dead level threshold. We can also provide steel flood/fire doors that can retain full height liquid pressures for deep bunds that require occasional maintenance access.

A choice of gasket materials means that the right seal can be matched to the requirements of chemical resistance, fire resistance and compressibility. Automatic barriers and gates can be fitted with acoustic and visual warnings, obstruction sensors and anti-crush systems.

Our standard barriers are tested to the rigorous TUV Certificate of Approval for openings up to 21 feet wide and 24" high. Special barriers can be provided to any size or height and individually tested for strength and watertightness on site when required. Multi-span sectional barriers can create any size and height bund.

With a 50 year design life our containment barriers, gates and doors give dependable protection against spillages and fire-fighting run off.

*A full range of containment options to protect against spillages or fire-fighting run-off.*



*Manual containment barrier for vehicular access.*



*Automatic drop-down barrier.*



*Gas-lift pivot barrier for vehicle access.*

### USES

- Access points at chemical sites/ warehouse facilities.
- Openings in bunds where level access required.
- Safely retain spillages and fire-fighting water on site.
- Suitable for constant daily use or can be left semi-permanently installed.

### BENEFITS

- No modification to floor surface.
- Unobstructed access around sites - no ramps.
- Single person operation.
- Manual, gas lifted, semi-automatic and fully automatic systems available.
- All components designed to resist chemicals and pollutants.
- Built to the highest quality standards and TUV tested and approved.

*Hinged Gate Containment Barrier.*



## DESIGN



*Gas-lift pivot barrier for vehicle access.*



*Automatic drop-down barrier.*



*Manual containment barrier for pedestrian access.*



*Multi-span 35.4" high removable containment barrier.*

### SIZES

- Manual aluminium containment barriers are available up to 21 ft wide and 24" high as standard and multi-span containment barriers are available to any length, height and configuration.
- Gas-lift pivot barriers are available for widths up to 14 ft wide and 24" high as standard.
- Lft-hinged gates are available up to 14.7 ft wide and 6.1 ft high.
- Automatic drop-down barriers can be specified to any width and height.
- Watertight doors can be specified to 8.8 ft high and 4 ft wide for single doors or 8 ft wide for double doors with removable center mullion.

### CONFIGURATIONS

- All barriers can be mounted internally or externally.
- Manual, pivot and drop-down barriers have a minimal footprint and do not require 'swing area' or ramp space.
- Containment gates can be specified inward or outward opening and work on level thresholds.
- Barriers can be manually operated, push button operated or fully automatic linked to sensors.
- UPS back up and manual override is available on all automatic systems.

### INSTALLATION

- Barriers and gates require a flat level threshold on which to close.
- A detailed survey will identify optimum mounting options and useability.

### BESPOKE CAD DRAWINGS

