

HEAVY DUTY FLOOD DOORS

Our new range of heavy duty flood doors are flood proof whenever they are locked and due to their steel frame and construction, they are able to withstand high pressures.

Medium to high pressure watertight doors are used to protect compartments in below waterline positions and/or damage stability reliant compartments to prevent the passage of water in either direction through a bulkhead opening. Flood depths of up to 18m are achievable, depending on the locking mechanism chosen.

The use of these doors ensures that when a door is locked it is watertight - this removes the need to check if barriers are installed when a flood alert is received.

Available as single doors, these systems are ideal for use in unmanned locations, such as utility sites and in basements.

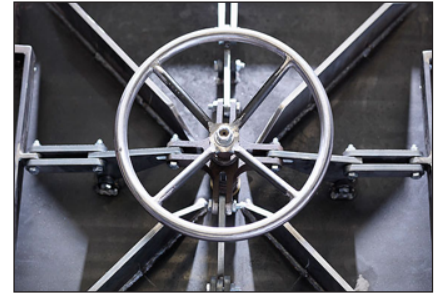
The door leafs utilise 8mm mild steel and come with a range of locking mechanisms.

The door and frames are painted or powder-coated to client's colour specification.

Doors can be manufacture using stainless steel where requested, for the harshest environments.

Our heavy duty flood doors can incorporate windows.

NB Client provides concrete upstand and surround for door and frame.



USES

- Below waterline compartments and basements.
- Where flood protection is required from both directions through doorway.
- Secure sites and utility sites especially if unmanned.

BENEFITS

- Flood proof and secure. No need for separate protection measures.
- Permanent flood protection.
- Suitable for constant daily use.
- Flood-proof to full height with u 18m head pressure.
- Can incorporate windows.

Permanent Flood Protection for flood depths up to 18m.



DESIGN

SPECIFICATION

- Door leaf:** 8mm thick mild steel with appropriate stiffening.
- Frame:** 8mm thick mild steel angle.
- Material:** The steel may be S275, S355 or Certified Grade A to suit.
- Operation:** Multi-turn handwheel operates 6 - 12 clips simultaneously. The number of clips used will depend upon the clear opening size and the functional head of water to resist.
- Security:** Hasp and staple for padlock and/or proximity sensor brackets to detect door position may be fitted.
- Finish:** Blast preparation to SA 2.5 and marine paint system or powder coated finish.

INSTALLATION

Standard frame supplied for welding to a flat bulkhead. Pre-drilled for bolting to a flat bulkhead if required.

BESPOKE CAD DRAWINGS

