

CUSTOM FLOOD GATES

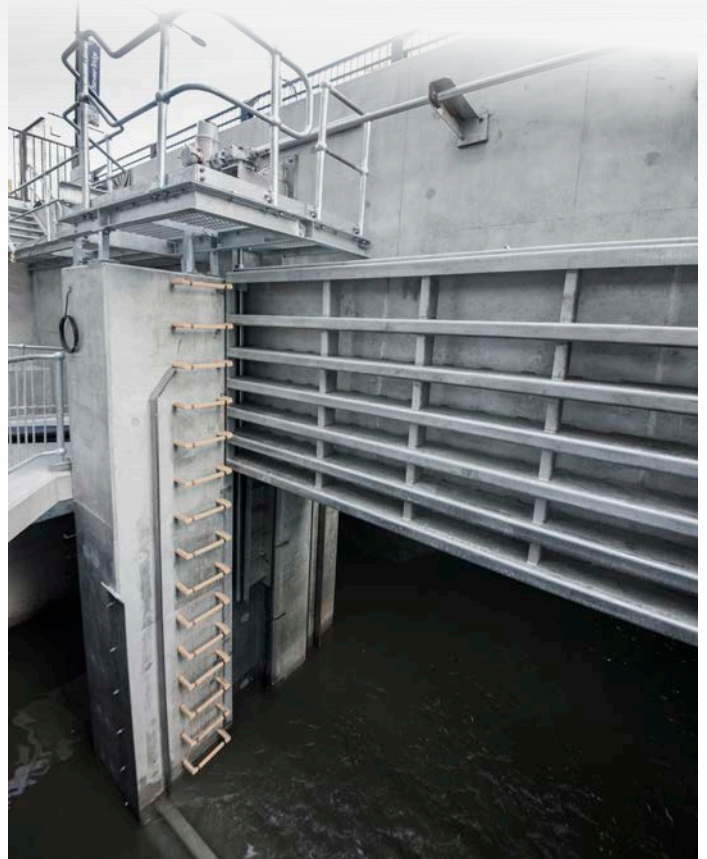
AWMA's FLOOD FREE range includes tailored-made flood defence gates, barriers and equipment that is specifically designed, manufactured and installed to meet site and operational requirements.

FEATURES

- Engineered and innovative suite of solutions.
- Isolates property and assets from rising storm and flood waters.
- Devices to suit openings of any size or shape.
- Isolate or re-direct flows with head pressures up to 20m.
- Designs for new structures or retrofit existing infrastructure.
- Storage, transportation and deployment options.
- Proven solutions.

APPLICATIONS

- Basement car parks
- Driveways
- Doorways
- Building entrances
- Loading docks
- Pedestrian walkways
- Fixed plant and infrastructure
- Road crossings
- Levee openings and extensions
- Stormwater network backflow
- Storm surge and tidal inundation
- Commercial and residential buildings



awma



FLOOD **FREE**

CUSTOM FLOOD GATES

DESIGN

DESIGN SUPPORT

- AWMA's design team will provide full support to ensure the most appropriate solution is developed and specified during the preliminary design.

SIZES

- All AWMA Flood Free Systems are custom sized to ensure they meet specific site requirements.

MATERIALS

- AWMA select materials to meet a minimum design life of 25 years. Where required, AWMA can offer higher grade materials, coatings and protection systems to extend the design life to 100+ years.
- Materials used in the construction of AWMA's Flood Defence Systems have a high corrosion resistance and can be operated for many years with minimal maintenance.

SEALING

- The seal performance of AWMA Flood Systems exceed that required by the 'Australian Technical Specification for Fabricated Water Control Infrastructure'.

MAINTENANCE

- AWMA Flood Free Systems have a minimum 25 year design life.
- Minimal maintenance is required ensuring low 'whole of life costs'.

MANUFACTURE

QUALITY

- All procedures are developed within AWMA's accredited ISO 9001 Quality Management System to ensure each gate is manufactured to a high standard, tested and ready for trouble free operation.
- All fabrication is in accordance with the 'Australian Technical Specification for Fabricated Water Control Infrastructure'.

INSTALLATION

MOUNTING OPTIONS

- Barriers are designed to retrofit existing infrastructure or 'green field sites'.
- AWMA offer install supervision for all turn-key installations.

ACTUATION SYSTEMS

- AWMA offer numerous options for operation including manual, mechanical, automated, hydraulic, pneumatic, powered or electrically actuated systems.

OPERATION SYSTEMS

- A range of manual, automated and automatic options are available for the control of AWMA's customised flood gates.
- Associated systems include warning lights, water level indicators, automated message systems, reflective signage, video feeds and battery backups.

COMMISSIONING

DOCUMENTATION AND TRAINING

- Detailed documentation on operation, testing procedures and maintenance will be provided with all AWMA flood defence systems.
- Comprehensive on and/or off site training available.