

awma

FLOOD/FREE

DEMOUNTABLE FLOOD BARRIERS



AWMA's Demountable Flood Barriers allow property and asset owners to manually deploy their own protection barrier to isolate flood and storm waters in and around existing infrastructure.

FEATURES

- Proven flood protection.
- Designed to suit square and rectangular openings of an infinite length.
- Modular segments are fabricated in 100mm high increments.
- Side frames and barrier post footings permanently installed for rapid deployment.
- Segments consist of extruded section with embedded seals.
- Storage solutions and transportation trolleys available.
- Economical, proven flood prevention solution.

APPLICATIONS

- Residential and commercial building protection.
- Boundary protection.
- Liftwell barriers.
- Driveway barriers.
- Doorway barriers.
- Ventilation outlet isolation.
- Basement barriers.
- Access barriers.
- Protection of alfresco and outdoor entertainment areas.

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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

- Fabricated up to 3m high.
- All AWMA Flood Barriers 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.
- Marine grade aluminium barrier segments and posts.
- Materials used in the construction of AWMA's Flood Barrier range have a high corrosion resistance and can be operated for many years with minimal maintenance.

SEALING

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

MAINTENANCE

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

MANUFACTURE

QUALITY

- All fabrication is in accordance with the 'Australian Technical Specification for Fabricated Water Control Infrastructure'.
- All procedures are in accordance with 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.

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

- The AWMA Demountable Flood Barriers are designed to be manually deployed by a single operator.

OPERATION SYSTEMS

- The barrier posts and barrier segments can be typically installed by a single operator.

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.