

RETRACTABLE FLOOD BARRIERS

The Retractable Flood Barrier is a sliding floodgate designed specifically to isolate large openings as part of a total flood defence system.

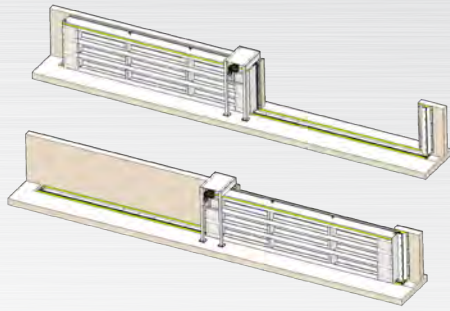
FEATURES & BENEFITS

- Effective solution for small to large openings.
- Track system compliant for pedestrian traffic as standard, can be customised for heavy traffic loads.
- Low maintenance design ensures the flood barrier remains ready to deploy at all times.
- Manual and actuated deployment options available.
- Can be designed to complement most building facades.

APPLICATIONS

- Typically installed on driveway entry points.
- Residential and commercial building protection.
- Liftwells.
- Driveways.
- Doorways.
- Basement entry.
- Pedestrian access.
- Car parks.
- Car lifts / car stackers.
- Utility or storage rooms.
- Levee access points ie; bike tracks, roads and highways.





RETRACTABLE FLOOD BARRIERS

DESIGN

DESIGN SUPPORT

- AWMA's R&D and Engineering teams are available under Early Contractor Involvement (ECI), to assist in developing flood barrier solutions for bespoke green-field and brown-field sites.
- Designed for on-seating water pressures as standard. Off-seating applications available as a customised solution.

SIZES

- Customisable to suit 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 construction.
- Materials used in the construction of AWMA's Flood Free range have a high corrosion resistance and can be operated for many years with minimal maintenance.
- Options include coloured coatings.

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 AWMA products meet relevant Australian and international standards.
- AWMA hold international accreditations for ISO 9001; Quality, ISO 14001; Environment and ISO 45001 OH&S management.
- AWMA's Integrated Management System aims to provide a framework to deliver products and services that consistently exceed customer expectations.

INSTALLATION

MOUNTING OPTIONS

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

DEPLOYMENT

- The AWMA Retractable Flood Barrier is designed to function via manual and/or actuated control.
- The Retractable Flood Barrier travels sideways to close the gap in an existing wall, completing the isolation required to protect assets from rising water levels.

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.

