



## **Waterway Barrier System**



***Our premium barrier system for safety, security, and debris control applications !***

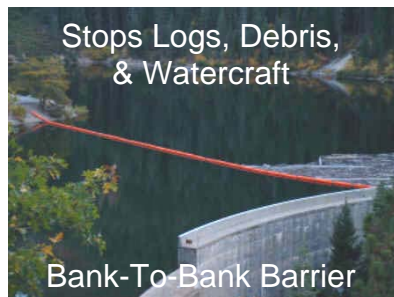
***Provide a positive barrier between your equipment, hazardous or secure areas, and the floating debris or watercraft you want to keep out !***

Armorfloat™ Waterway Barrier Systems allow the modular construction of unlimited length floating barricades across rivers, lakes, reservoirs, and other waterways. Typical applications include public safety, waterside security, and control of floating logs and debris. Patented Armorfloat™ Barrier Systems incorporate innovative design, premium materials, state-of-the-art manufacturing techniques, and over a decade of development to assure superior performance.

### **Waterway Barrier System Features**

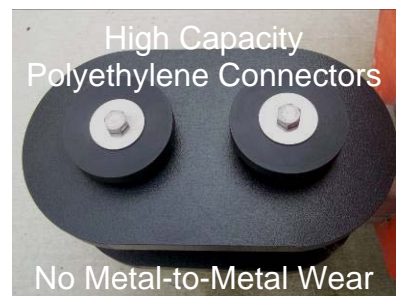
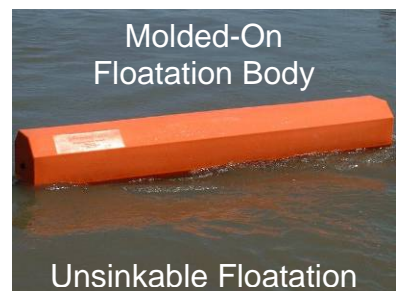
- Stops logs, debris, and watercraft
- Positive boat restraining barrier
- Highly visible line of demarcation
- Superior strength and durability
- Long life marine friendly materials
- Impact, UV, and corrosion resistant
- Unsinkable floatation
- Easily coupled and anchored
- Environmentally safe materials
- Up to one foot of freeboard
- Barrier modules are 16" in diameter, 120" long, and weigh 120 lbs.
- Patented composite construction
- Full length stainless steel strength member with integral MIG welded coupling and attachment points
- Thick wall LLDPE shell, PU closed cell foam core floatation body is permanently molded-on to internal strength member
- High capacity polyethylene plate connectors are shock absorbing with no metal-to-metal wear points
- No bolt-on mild steel components to corrode and fall off

# Armorfloat™



## Waterway Barrier System Specifications

- **DIMENSIONS:** Each barrier module measures 16" in diameter, 120" long (122" assembled length with connectors), and weighs a minimum of 120 lbs.
- **STRENGTH:** Capable of 1500 lbs. concentrated load per square foot, 150 lbs. uniform load per lineal foot, minimum ultimate horizontal load capacities from 25,000 lbs. (standard) to 50,000 lbs. (optional).
- **DRAFT:** Natural draft is about 4" (up to 12" of freeboard), with over 700 lbs. of reserve displacement.
- **CONSTRUCTION:** Patented composite of a seamless polymer floatation body permanently molded on to a full length internal stainless steel strength member with integral connection and attachment points.
- **FLOATATION BODY:** Molded octagon profile floatation body is 16" in diameter and 106" long. The seamless shell encasement has a .20" nominal wall thickness of environmentally safe polyethylene resin compounded with a long term UV-15 stabilizer additive to deter the effects of sunlight. The internal polyurethane closed cell floatation foam core meets with US Coast Guard guidelines and fills over 95% of the interior void. Floatation body construction is highly puncture resistant, impact resistant, and provides unsinkable reserve displacement. Barrier modules are designed to stack together to facilitate shipping and storage.
- **STRENGTH MEMBER:** System strength and ballast from a one-piece 2" square x 3/16" wall stainless steel structural tube 120" long with integral MIG welded connection and attachment points.
- **CONNECTORS:** Barrier modules are connected by two (standard) or four (optional) 9.5" long x 5.5" wide x 3/4" thick polyethylene plates retained by polyethylene bearing washers and stainless steel hardware. Capable of 90° angles and wave action, the connector assembly is shock absorbing with no metal-to-metal wear points.
- **OPTIONS:** The following options are available.
  - Standard safety orange or alternative custom floatation body color.
  - Stock or custom large font permanent warning graphics.
  - Reflective lenses and stanchion mounted solar marine lights.
  - Anchoring end, four plate, and vertical connector configurations.
  - Stainless steel welded wire mesh submerged debris screens.
  - Custom system configurations to meet with project requirements.



Contact us for a quote on your next barrier project!  
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