Armorfloat™

Marine Security Barrier System

Provides clear demarcation of restricted areas and a practical level of physical security !

Security for dams, intakes, power plants, vessels, ports, shipyards, piers, and more !

Armorfloat™ Marine Security Barrier Systems allow the modular construction of unlimited length floating barricades over rivers, lakes, seas, and other waterways. Typical applications include waterside security, asset protection, area demarcation, public safety, and waterway traffic control. 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.

Marine Security Barrier System Features

- Stops unauthorized waterborne entry
- Positive small craft intrusion 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
- Over three feet of freeboard
- Barrier modules are 46" tall, 46" wide, 120" long, and weigh 375 lbs.

- Patented composite construction
- Full length stainless steel structural strength member with 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
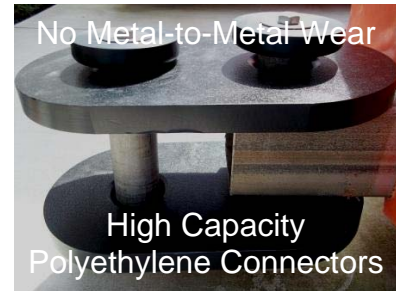- No bolt-on or mild steel sub-assemblies to corrode and fall off

Positive Boat Barrier

Over Three Feet Of Freeboard

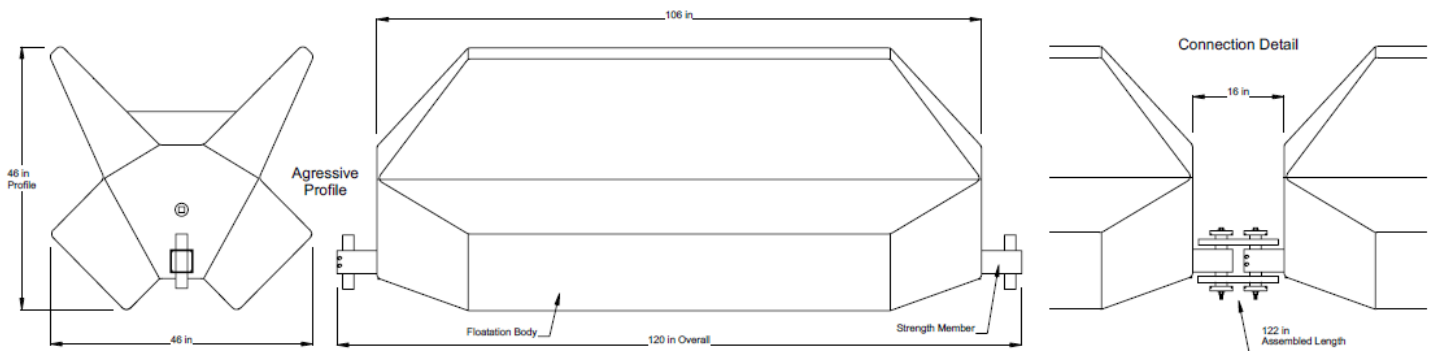**Full Length Stainless Steel Strength Member**

No Metal-to-Metal Wear

High Capacity Polyethylene Connectors

Marine Security Barrier System Specifications

- **DIMENSIONS:** Each barrier module measures 46" tall, 46" wide, 120" long overall (122" assembled length with connector hardware), and weighs a minimum of 375 lbs.
- **STRENGTH:** Capable of 1500 lbs. concentrated load per square foot, 150 lbs. uniform load per lineal foot, minimum ultimate horizontal load capacities from 35,000 lbs. (standard) to 70,000 lbs. (optional).
- **DRAFT:** Natural draft is about 7" (up to 39" of freeboard), with over 3000 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 aggressive profile polymer floatation body is 46" tall, 46" wide, 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 90% of the interior void. Floatation body construction is highly puncture resistant, impact resistant, and provides unsinkable reserve displacement. Barrier modules are designed to nest together to facilitate shipping and storage.
- **STRENGTH MEMBER:** System strength and ballast from a one-piece, 4" square x .188" wall x 120" long internal stainless steel member with integral MIG welded connection and attachment points.
- **CONNECTORS:** Barrier modules are connected by two (standard) or four (optional) 14" long x 8" wide x 1" thick polyethylene plates retained by polyethylene bearing washers and stainless steel hardware. Capable of 45° angles and wave action, the connector assembly is shock absorbing with no metal-to-metal wear points. Available in optional four plate configurations for increased load capacity applications.
- **OPTIONS:** The following options are available.
  - Standard floatation body color is safety orange with alternative and custom colors available.
  - Stock or custom 4" black font warning graphics permanently applied to the floatation body sides.
  - Reflective lenses and self contained solar powered marine lights for increased night visibility.
  - Anchoring end, four plate, vertical orientation, and wire rope secondary failsafe connector upgrades.
  - Additional options, custom configurations, and rigging supplies to meet project requirements.

Phone: (916) 920-8620   Fax: (916) 920-8618
Website: www.armorfloat.com

A product of

Good **Innovation** *LLC*
Sacramento, California
Made in USA