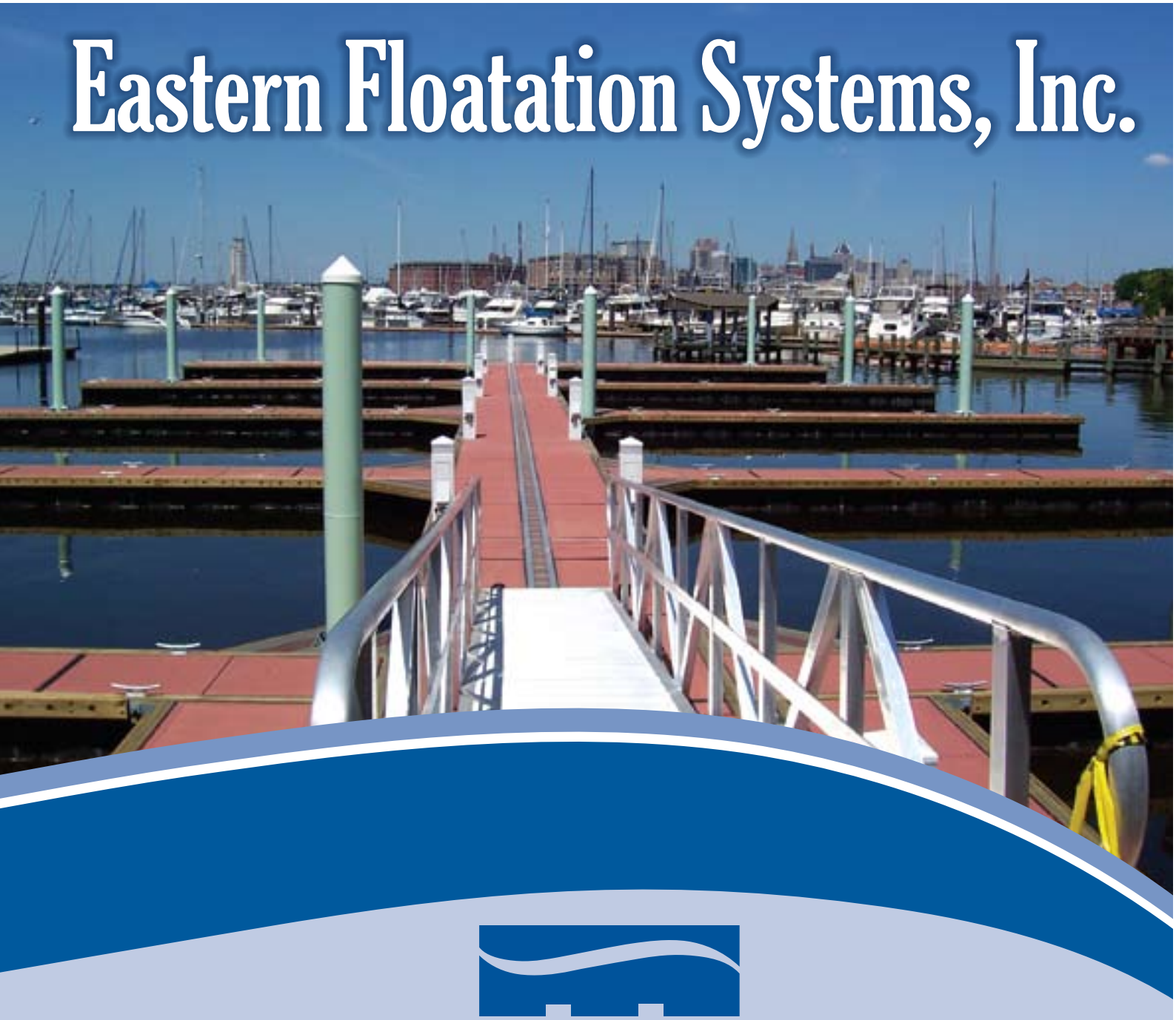
Eastern Floatation Systems, Inc.



PROFLOAT
dock system

The floating concrete pier system we provide to our clients has been refined to include a polyethylene floatation pontoon with an integrated top tray. The top tray has been designed to receive a poured concrete walking surface. The walking surface can be customized with the client's choice of color, stamped pattern, texture, or logo. The floatation pontoon is filled with expanded polystyrene which is steamed inside the pontoon resulting in a solid block of high density foam. This process creates the foundation for a stable, durable walking surface that requires minimal maintenance.

The trough system is primarily used for utilities and is easily accessed by removal of the aluminum and Trex deck cover. This design allows for quick installation and easy inspection.

The Pro-Float System is adaptable to all marina applications and is only limited by the imagination. Our exclusive patented modular design gives customers the flexibility to create any dock configuration, and the footprint can be reconfigured as future needs and desires change. The cost of a concrete floating pier system is clearly outweighed by its versatility, longevity and low maintenance requirements.

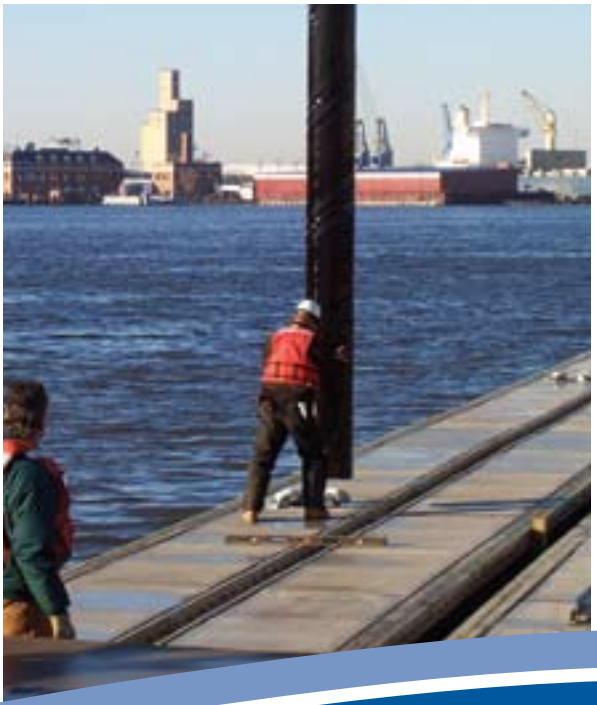
EFS recognizes the unique needs of each customer's project and has adopted a sales initiative to meet those needs. Whether the project requires Pro-Float System sections, technical assistance or complete assembly and installation of a concrete floating pier system, EFS can make it happen.

Marina Solutions

Pile Guide System

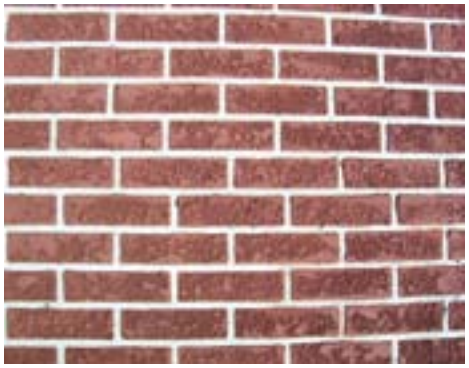
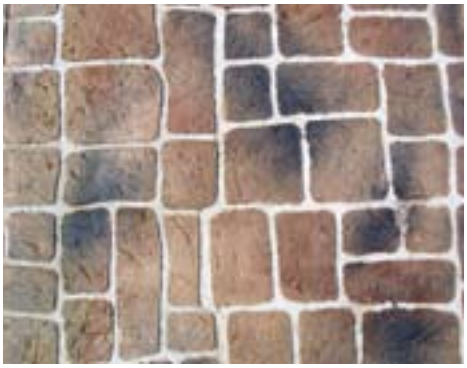
Galvanized steel pile ring is embedded into the concrete surface. Ultra high molecular weight plastic rollers on stainless steel pins are used to ensure smooth maintenance free operation.

All structural steel, channel tubes, frames and angles are fabricated from steel conforming to ASTM standard A-36. A hot dipped galvanized coating is applied to all steel in accordance with either ASTM standard A-123 or ASTM standard A-153.



Concrete Surface

The reinforced concrete surface has a minimum 28-day compression strength of 5,000 psi, per ASTM standard C-94. The walking deck is poured in one monolithic pour over a galvanized welded wire reinforcement that meets ASTM standard A-185. The standard surface is trowel finished with a broom non-skid texture applied transversely to the walking surface. The float module allows for individual concrete pour or the insertion of a pre-stressed, pre-cast concrete slab. Design options include choice of colors and stamped patterns.



System Connection

The floats are tied together through a combination of wood whalers and galvanized steel thru-rod. Marine grade wooden whalers are doubled and overlapped with galvanized timber rings between the compressed lumber every twelve inches. All lumber is Southern Yellow Pine, No1 grade. All lumber is pressure treated with Chromate Copper Arsenate (C.C.A.) to one pound retention, conforming to AWPA standards.

At predetermined intervals, sleeves of PVC are installed in the concrete rib area to act as conduits for the galvanized steel thru-rods. All thru-rods are ¾" thread diameter, hot dipped galvanized steel. All steel in accordance with ASTMA-307. Hot dipped galvanized in accordance with ASTMA-123.

Floatation Pontoon

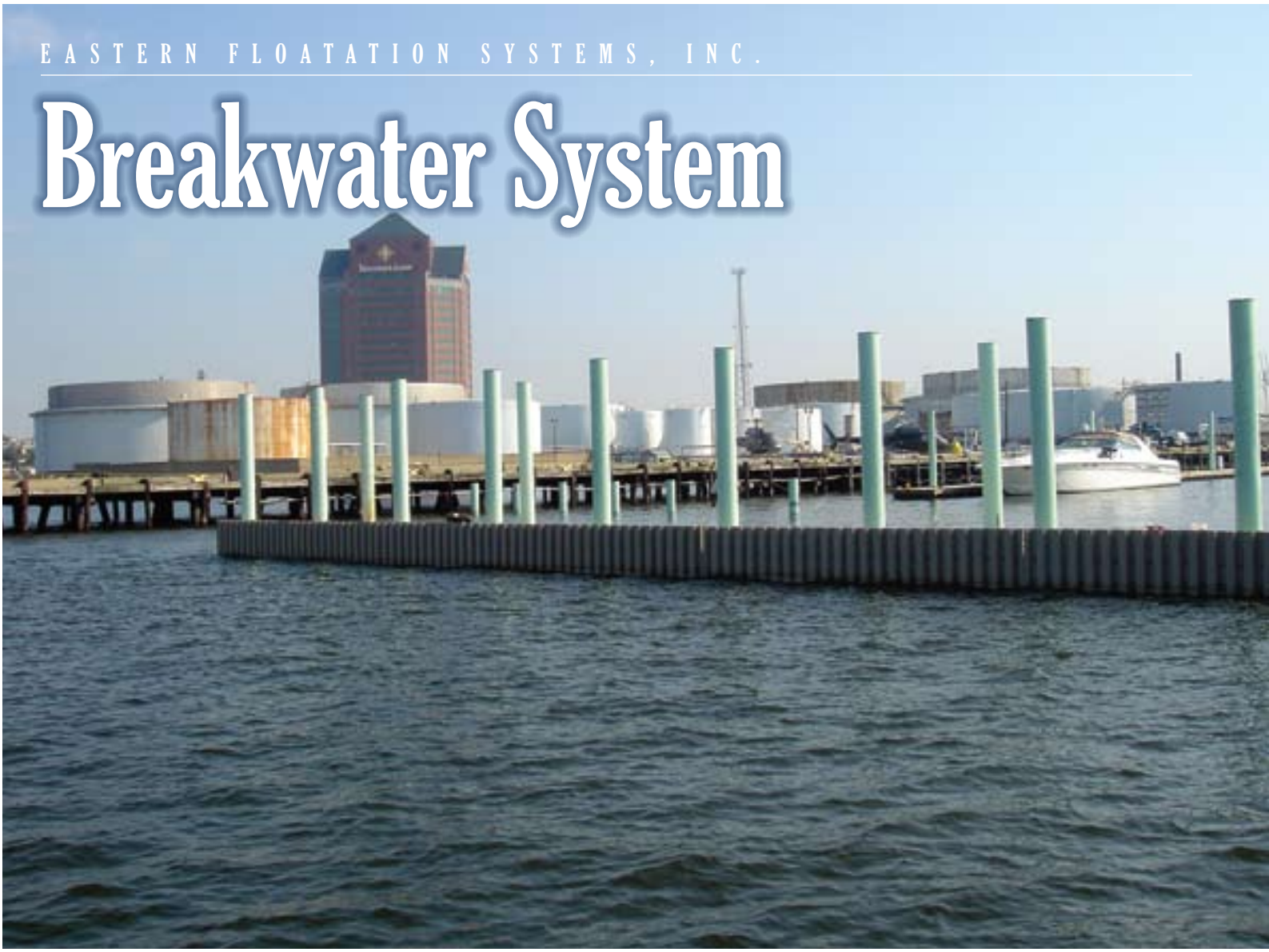
Our float is a rotationally molded polyethylene plastic tub with a patented tray top area designed to receive re-enforced concrete walking surface. A polyethylene plastic shell encasing a closed cell EPS (expanded polystyrene) core. The polyethylene is specially treated to resist UV deterioration. The EPS foam core has a weight of .05-1.10 lb. per cubic ft. conforming to ASTM standard specification C-578. The EPS foam has a water absorption rate maximum of only three percent by volume as tested by ASTM method C-272.


DEMAG

Utility Raceway

Our patent float design incorporates a utility raceway with easy deck top access. Galvanized tubing and galvanized clips under the whalers can also be used as an integral part of the system in order to establish utility channels for fuel, fresh water, pump out, stand pipe electrical, telephone and cable TV.

Breakwater System



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dock system