



INTER BOAT MARINAS

System Atlantic



System Atlantic is a robust modular pontoon system that is very suitable for use in rivers, coastal and inland waters; it is therefore *the ultimate system* for marinas. The wide choice of deck finishes also makes it possible to adjust the appearance as desired. The Atlantic system has a hot-dip galvanized steel frame as standard, but can also be upgraded with a reinforced frame for even more extreme applications.

Walkways

Standard elements: main walkways are available in four standard widths.

Special elements, such as corner and fitting pieces, are available.

Standard element dimensions:

AW0: 10 x 2.96 meter - **AW1:** 10 x 2.46 meter.

AW2: 12 x 1.96 meter - **AW3:** 12 x 1.59 meter.

Finger pontoons

Finger pontoons are available in multiples of 1 meter from 4 to 12 meters in length. The splay shape of the finger pontoons makes them very suitable for the 'stern on' mooring of boats. In addition, the finger pontoons can be moved indefinitely.

The finger pontoons are designed in such a way that 2 ships can moor on one finger pontoon without having to use extra mooring facilities.



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**HISWA
REGRON**
TOP SUPPLIER





Technical information

Load

The standard useful vertical load for the buoyancy of the Atlantic system is:

- For the walkways: 150 kg/m² (between ducts);
- For the finger pontoons: 100 kg/m².

The load of the main walkway can be increased to 250 kg/m² (between the cable ducts) by adding additional buoyancy.

Protection against corrosion

At locations with highly corrosive conditions, the hot-dip galvanized steel frames can additionally be treated with a coating.

Cleats

The cleats are made of cast aluminum. The walkways are equipped with mounting holes for the cleats every half meter on both sides. Finger pontoons are supplied with 4 cleats as standard. For finger pontoons from 6 meters on, 2 extra cleats can be placed in the middle. Finger pontoons of 11 meters and 12 meters can be equipped with an additional 4 extra cleats.

Construction

Each element is constructed from a welded steel frame, consisting of standard sections and with specially manufactured longitudinal profiles that make it possible to connect finger piers and pile guides, among other things, at any desired position. After assembly, the frames are hot-dip galvanized with a minimum coating of 610 gr/m².

Floats

Standard the walkways are equipped with stainless steel reinforced concrete or rotomolded PE floats. In addition, walkways can be fitted with PE tube floats. The finger pontoons are fitted with polyethylene floats of the RF type. In addition they can also be fitted with PE tube floats.

Dock decking

Composite decking boards with anti-slip profile, dimensions 139 mm wide x 21 mm high. Decking with wood, polymer or hot-dip galvanized grilles is also possible. All types of decking are fixed to our special designed aluminium spines. The spines are galvanically separated from the steel frames to prevent corrosion.

Fenders

The fenders are fitted as standard to the finger pontoons and walkways. Plastic PE fenders are also fitted on the ends of the finger pontoons.

Connections

The walkways and the finger pontoons to the walkways are connected with a semi-flexible coupling.

Cable - service ducts

Main walkways are equipped with continuous space for cables and pipes below the decking (also at the location of the connections over the full height). Optionally, this space can be made accessible from above on one or both sides from above using anodized aluminum duct covers. These spaces can also be provided with a special PVC duct liner.

Mooring

The pontoons can be fixed in position by using piles through pile guides, quay guides, chain, rope or chain mooring.

Freeboard

The system has a standard unloaded freeboard of approximately 50 cm. This height can be adjusted as desired.

