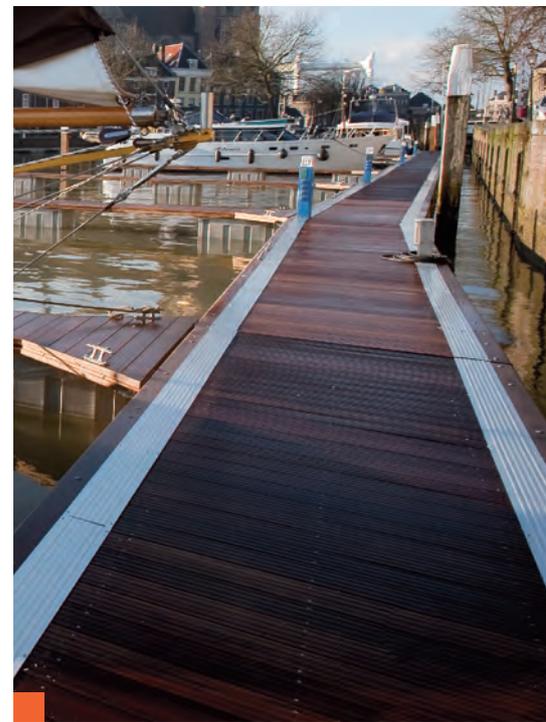




INTER BOAT MARINAS



The Atlantic system is a modular steel pontoon solution. The robust frame is hot-dip galvanized and is suitable for use in coastal marinas or exposed inland waters. It can also be upgraded with a reinforced frame and connections for use in more exposed locations or for commercial applications.

Walkways

The main walkways come in four standard sizes: **AW0**: 10 x 2.96 meter, **AW1**: 10 x 2.46 meter, **AW2**: 12 x 1.96 meter, **AW3**: 12 x 1.59 meter (alternative sizes are available on request).

Fingers

The fingers come in nine standard sizes: **AF4**: 4 x 0.59 meter, **AF5**: 5 x 0.59 meter, **AF6**: 6 x 0.59 meter, **AF7**: 7 x 0.78 meter, **AF8**: 8 x 0.78 meter, **AF9**: 9 x 0.78 meter, **AF10**: 10 x 0.78 meter, **AF11**: 11 x 1.06 meter, **AF12**: 12 x 1.06 meter. The fingers can be easily located anywhere along the main walkway pontoons using a clamping detail to connect the main walkway's unique C-section side members. The finger splay shape is particularly suitable for 'stern-on' mooring of power boats.

INTER BOAT MARINAS

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Technical information

Loading

The standard stabilized vertical live load for system Atlantic is:

- Walkways: 150 kg/m² (between ducts);
- Fingers: 100 kg/m².

The load capacity of the walkways can be increased to 250 kg/m² (between ducts) with the addition of an extra concrete float.

Corrosion protection

For high corrosion locations the standard galvanized frames can be supplied with an additional epoxy paint treatment.

Cleats

The mooring cleats are in cast aluminum. There are connection points for the cleats every 0.5 meter along both sides of the main walkways. AF4 to AF8 fingers have 4 cleats, AF9 to AF10 fingers have 6 cleats. AF11 to AF12 fingers have 8 cleats.

Structure

Each component has a welded steel frame structure, comprising standard sections and a specially rolled edge C-section for the walkways. The frames are hot-dip galvanized after fabrication with a minimum coating of 610 gms/m².

Decking

The pontoons are decked with profiled 21x145 mm Massaranduba hardwood which is fixed with stainless steel screws to hardwood spines. Other kinds of wood, synthetic or hot-dipped galvanized steel decking can be supplied.

Fenders

Standard walkways come with hardwood bullnose fender (45x123 mm). Standard fingers are supplied with hardwood fenders (AF4-AF6 = 45x95 mm & AF7-AF12 = 45x123 mm). A grey PE-plastic fender is fitted at the ends of the fingers.

Connections

The walkway/walkway and the walkway/finger connections are made with semi-flexible rubber bolted joints.

Floats

The walkways are provided with DF type concrete floats manufactured under ISO 9001 and KOMO quality controlled conditions. The fingers are equipped with RF type polyethylene floats (see our Floats leaflet for full specification).

Service ducts

All walkways are supplied with continuous service ducts down both sides with a cross section of 90 x 175 mm. The duct covers come in 2m lengths and are made of anodized aluminum. This allows easy top entry to the service ducts. The service ducts can be fitted with an optional plastic liner.

Pile Guides

The pile guides are available in two standard sizes.

- **APG1:** Piles up to 350 mm Diameter;
- **APG2:** Piles between 350 mm and 508 mm Diameter.

Freeboard

The system has a standard minimum unladen freeboard of approx. 500 mm.

