



INTER BOAT MARINAS

Floats



Inter Boat Marinas floating Atlantic and Laguna pontoon systems are supported on two types of float: The DF-float is a heavy displacement concrete float used to support the main walkways. The RF-float is a roto-moulded polyethylene float used mainly to support finger pontoons.

The advantages:

Concrete DF-floats:

- Two sizes give flexibility of use;
- Manufactured under ISO 9001 and KOMO quality controlled conditions;
- Polystyrene core for permanent buoyancy;
- Stainless steel reinforced for durability and strength;
- Separate lifting eyes for safe handling;
- The high weight improves the stability of the walkways.

Polyethylene RF-floats:

- Three sizes with variable depths to give flexibility of use;
- Polystyrene core for permanent buoyancy;
- Medium density polyethylene for durability with good ultra-violet resistance;
- Resilient material for resistance to handling damage;
- Light weight for efficient handling and easy installation.

INTER BOAT MARINAS

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Technical information

Fixings

Concrete DF-floats

Each float is fixed to the walkway by 4 no. 16mm diameter stainless steel bolts screwed into sockets cast in the top corners of the float and welded to the reinforcing. The float is handled using special 'cast in' lifting eyes.

Polyethylene RF-floats

The float is fixed through the top flange at the corners by 4 no. M12 bolts each with a backing plate.

Materials

Concrete DF-floats

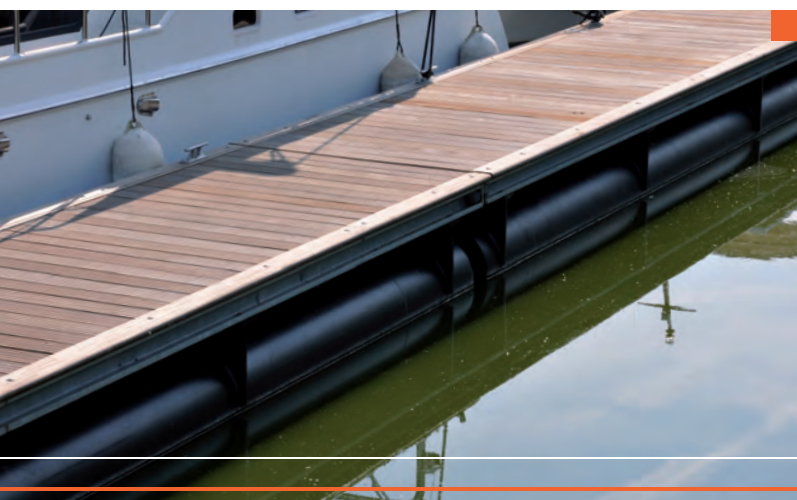
The floats are filled with expanded polystyrene, grade LDVB with a density of 11 kg/m³ and with a maximum water absorption factor of 6%. The concrete is 40 N/mm².

The floats are reinforced with stainless steel bar type 316 and glassfiber. The standard floats have a neutral concrete colour, but can be supplied in other colours on request.

Polyethylene RF-floats

The float casing is moulded from medium density polyethylene and filled with expanded polystyrene grade LDVB with a density of 11 kg/m³ and a water maximum water absorption factor of 6%. The standard floats are grey but can be supplied in other colours on request.

Other types of floats, for example, black high-density polyethylene (HDPE) tube floats are available on request. One of the advantages of this tube float is very good stability because of the existence of the float through the full length of the walkway or finger.



Physical properties

Concrete DF-floats

DF1

Length	: 2.370 mm
Width	: 1.870 mm
Depth	: 735 mm
Nominal walls	: 30 mm
Nominal top and bottom	: 25 mm
Weight	: ± 1.135 kg

DF2

Length	: 2.870 mm
Width	: 1.500 mm
Depth	: 750 mm
Nominal walls	: 30 mm
Nominal top and bottom	: 25 mm
Weight	: ± 1.150 kg

Polyethylene RF-floats

RF500

Length	: 1.500 mm
Width	: 500 mm
Depth	: 600 / 700 / 800 mm
Nominal walls	: 5 mm
Weight	: ± 23 kg

RF700

Length	: 1.500 mm
Width	: 700 mm
Depth	: 600 / 700 / 800 mm
Nominal walls	: 5 mm
Weight	: ± 29,5 kg

RF900

Length	: 1.500 mm
Width	: 900 mm
Depth	: 600 / 700 / 800 mm
Nominal walls	: 5 mm
Weight	: ± 38 kg