

Top Marine

Floating Marina Installations



Boat Pontoon with Plastic Floats



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TIMBER DECKING
- Impregnated softwood anti-slip decking 28x120mm.

CHAIN ANCHORING SYSTEM
- Robust chain fixing set hot dip galvanized.

FLEXIBLE RUBBER JOINT CONNECTION
- Strong and reliable rubber-bolt joint connection;
- Connects boat pontoons into one single unit.

ABUTMENT
- Timber gangway up to 6m;
- Possibility of railings.

GANGWAY
- Timber gangway;
- Possibility of railings.

PILE ANCHORING SYSTEM
- An alternative solution for chain anchoring;
- Has been designed for piles Ø110-200 mm;
- The design pile load is 10 kN;
- Large and robust construction;
- Flexible rubber joints.

FENDER
- Protects mooring fingers or timber pontoons against impacts (color: white or grey).

MOORING RING
- Mooring ring (hot dip galvanized).

TIMBER FRAME
- Planed timber beam 70x195mm;
- Strength C24 according to EN 338 standard;
- Impregnated (vacuum pressure method); class: HC4;
- All bolts and fittings are fully hot dip galvanized.

PLASTIC FLOAT 450 LTR
- Roto moulded from Polyethylene (PE)
- Filled with expanded polystyrene: density 19kg/m³, strength ≥100 kPa, water absorption ≤3%.
- Protected against UV-radiation and freezing;
- Designed for year round use.

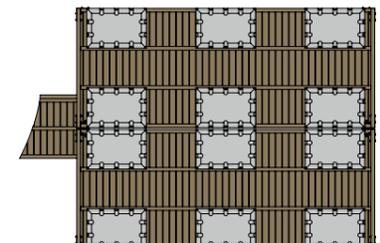
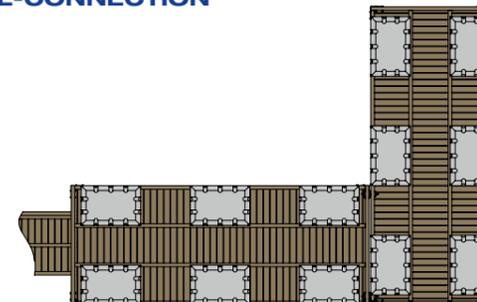
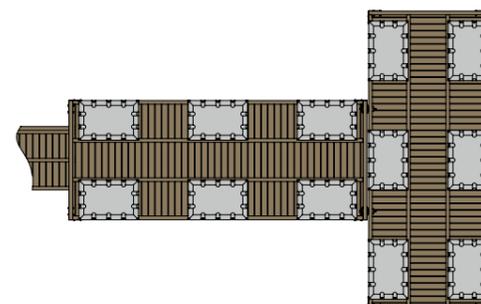
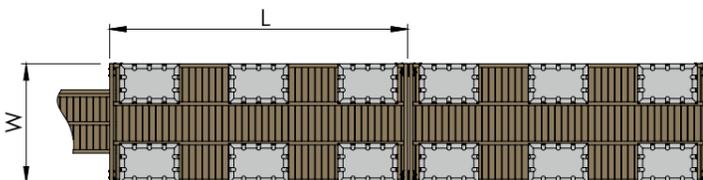
BOAT BOOMS
- Boat Booms with hinge connection;
- With or without timber decking.

END CONNECTION

T-CONNECTION

L-CONNECTION

SIDE CONNECTION



Boat Pontoon with Plastic Floats

Boat Pontoon	Module construction. Easy to transport and install. Moderate bearing capacity. Suitable for year-round use
Intended use	Floating landing stages and floating bridges
Connection options	End connection, side connection, L-connection, T-connection.
Structural design	450 ltr plastic floats filled with EPS foam, impregnated softwood timber decking, rubber-bolt joints
Anchoring system	Anchoring by chain or piles.
Accessories	Mooring rings, boat booms, fenders, swim ladders, safety equipment, railings

Technical Data of the Boat Pontoon with Plastic Floats

Item code		03 10 06	03 12 06	03 14 06	03 20 08	03 22 08	03 24 08	03 30 10	03 32 10	03 34 10
Dimensions (m)	Length	6	6	6	8	8	8	10	10	10
	Width	2.0	2.4	3.0	2.0	2.4	3.0	2.0	2.4	3.0
	Height	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
Number of floats (pc)		6x 450 ltr	6x 450 ltr	6x 450 ltr	8x 450 ltr	8x 450 ltr	8x 450 ltr	10x 450 ltr	10x 450 ltr	10x 450 ltr
Freeboard (m)		0.64	0.63	0.62	0.64	0.63	0.62	0.64	0.63	0.62
Designed load capacities (kN/m²)		1.9	1.5	1.2	1.9	1.5	1.2	1.9	1.5	1.2
Designed load capacity (kg)		2276	2248	2172	3042	3006	2907	3808	3763	3642
Weight of the pontoon (kg)		424	452	528	558	594	693	692	737	858
Dimensions of floats Wx Lx H (m)		0.8 x 1.2 x 0.49								
Allowed max wave height		0.2 m								
Allowed current speed		1 m/sec								
Allowed ice condition		Allowed static ice load, ice moving is not allowed								
Anchoring systems	Chain	Ø 13 mm, Ø 16 mm								
	Concrete anchor	500 kg, 1000 kg								
	Pile	Ø 110...200 mm, 10 kN								
Boat mooring		Mooring buoys, boat booms, mooring rings								
Boat sizes		Boat max length 9.1 m (30 feet)								

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Download our product CAD details from the ProdLib library.

Top Marine is a continuously developing firm and may at its sole discretion revise or amend this product catalog without notice.



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