

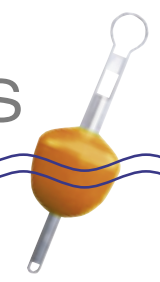
Top Marine
Floating Marina Installations



Timber Pontoon Medium with Medium Concrete Floats



Timber Pontoon Medium with Medium Concrete Floats



TIMBER DECKING
 - Impregnated softwood decking 28 x 120 mm.

SAFETY EQUIPMENT
 - SOS Pedestal;
 - Safety Ladder.

MOORING EQUIPMENT
 - T-bollard mooring;
 - Mooring ring.

SERVICE PEDESTAL
 - Electricity and water supply for boats;
 - Lighting for the floating pontoon.

GANGWAY
 - Metal gangway up to 12 m;
 - Timber gangway up to 6 m.

PILE ANCHORING SYSTEM 20 kN
 - An alternative solution for chain mooring;
 - Has been designed for piles Ø300-400 mm.

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

TIMBER FRAME
 - Side timber beam 45 x 195 mm;
 - Double side timber beam 70x145mm;
 - Strengh C24 according to EN 338 standard;
 - Impregnated (vacuum pressure method) class: HC4.
 - Built to required lenght without visible joints;
 - All bolts and fittings are hot dip galvanized.

FIXING SET FOR CONCRETE FLOAT

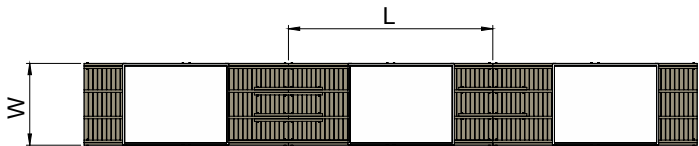
SERVICE DUCTS
 - Internal, not visible;
 - Can be installed on both sides or in the middle.

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

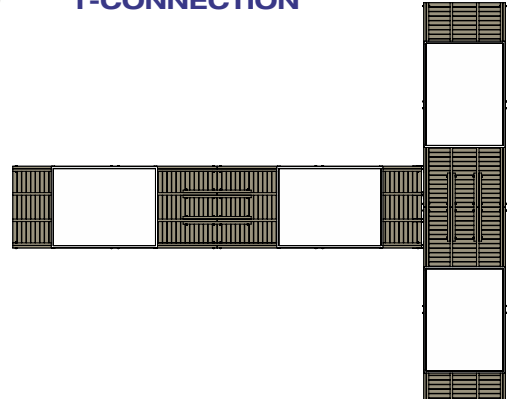
CONCRETE FLOATS
 - Hydrotechnical fiber reinforced concrete C40/50: watertight W6, environmental class XS2, frost resistance XF4 and KK4 according to EN 206-1;
 - Reinforcement 6 mm fully hot dip galvanized C4 according to ISO 1461 standard;
 - Expanded polystyrene: density 19 kg/m³, strenght ≥100 kPa, water absorption ≤3%.

MOORING FINGER
 - Mooring Fingers with rubber connection.

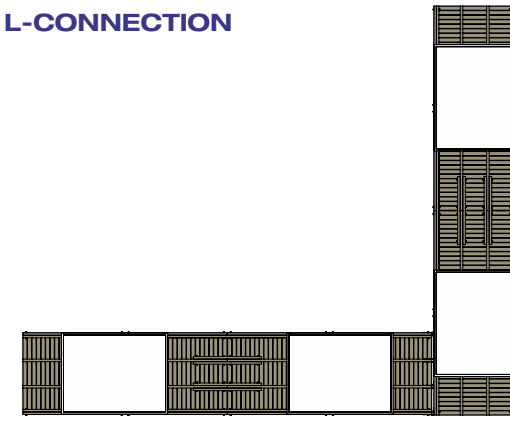
END CONNECTION



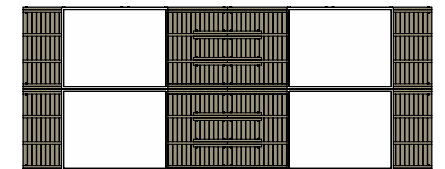
T-CONNECTION



L-CONNECTION



SIDE CONNECTION



Timber Pontoon Medium with Medium Concrete Floats

Timber Pontoon	Good stability, suitable for year-round use
Intended use	As landing stages and for floating platforms.
Connection options	End connection, side connection, L-connection, T-connection
Structural design	Hydrotechnical fiber reinforced concrete with EPS inside floats, impregnated softwood timber decking, built to required length without visible joints
Anchoring system	Anchoring by chain or elastic rope. Anchoring by piles
Accessories	Mooring rings, mooring bollards, mooring fingers, boat booms, fenders, service ducts, safety equipment, swimming ladders

Technical Data of the Timber Pontoon Medium with Medium Concrete Floats

Item code		07 10 12	07 12 12	07 20 12	07 22 12	07 30 13	07 32 13
Dimensions of pontoons (m)	Length	8	8	10	10	12	12
	Width	2.0	2.4	2.0	2.4	2.0	2.4
	Height	0.97	0.97	0.97	0.97	0.97	0.97
Number of floats (pc)		2	2	2	2	3	3
Freeboard (m)		0.61	0.6	0.6	0.59	0.61	0.6
Designed load capacity (kN/m²)		2.1	1.8	1.7	1.4	2.1	1.8
Designed load capacity (tons)		3.5	3.4	3.4	3.3	5.3	5.2
Weight of the pontoon (kg)		3.3	3.4	3.4	3.5	5	5.1
Allowed max. wave height		0.3 m					
Allowed current speed		1 m/sec					
Ice condition		Allowed static ice load, ice moving is not allowed					
Anchoring systems	Chain	Ø 16 mm					
	Concrete anchors	1000 kg					
	Pile	Ø 300...400 mm, 20 kN					
Boat mooring		Mooring buoys, Boat booms, Mooring fingers, Mooring rings, Mooring bollards					
Boat sizes		Boat size up to 12.2 m (40 feet)					

Technical data of Concrete Float Medium

Item code		07 72 00
Dimensions of concrete floats (m)	Width	1.98
	Length	2.30
	Height	0.750
Weight of float (kg)		1497
Designed load capacities of float (kg)		1919
Designed load capacities of float (kN)		18.82

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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