

# Top Marine

Floating Marina Installations



## Swimming Pontoon ECO



# Swimming Pontoon ECO



**TIMBER DECKING**

- Planed anti-slip blanks 28x120 mm;
- Strength C16 according to EN 338 standard;
- Impregnated (vacuum pressure method), class: HC4.

**CHAIN MOORING SYSTEM**

- Mooring with hot dip galvanized chain.

**HINGE CONNECTION**

- Strong and reliable;
- All metal parts are fully hot dip galvanized C4 according to ISO 1461 standard;
- Connects pontoons into one single unit.

**PLASTIC FLOAT ECO 400 LTR**

- Roto moulded from Polyethylene (PE);
- Protected against UV-radiation and freezing;
- Designed for year round use.

**GANGWAY**

- Timber gangway;
- Possibility of railings.

**ABUTMENT**

- Concrete abutment;
- Swimming pontoon abutment on screw piles.

**PILE MOORING SYSTEM**

- An alternative solution for chain mooring;
- Has been designed for piles Ø60 mm;
- The designed pile load is 1 kN;
- Robust construction;
- Flexible rubber joints.

**FENDER**

- Protects mooring fingers or timber pontoons against impacts (colour: white).

**MOORING RING**

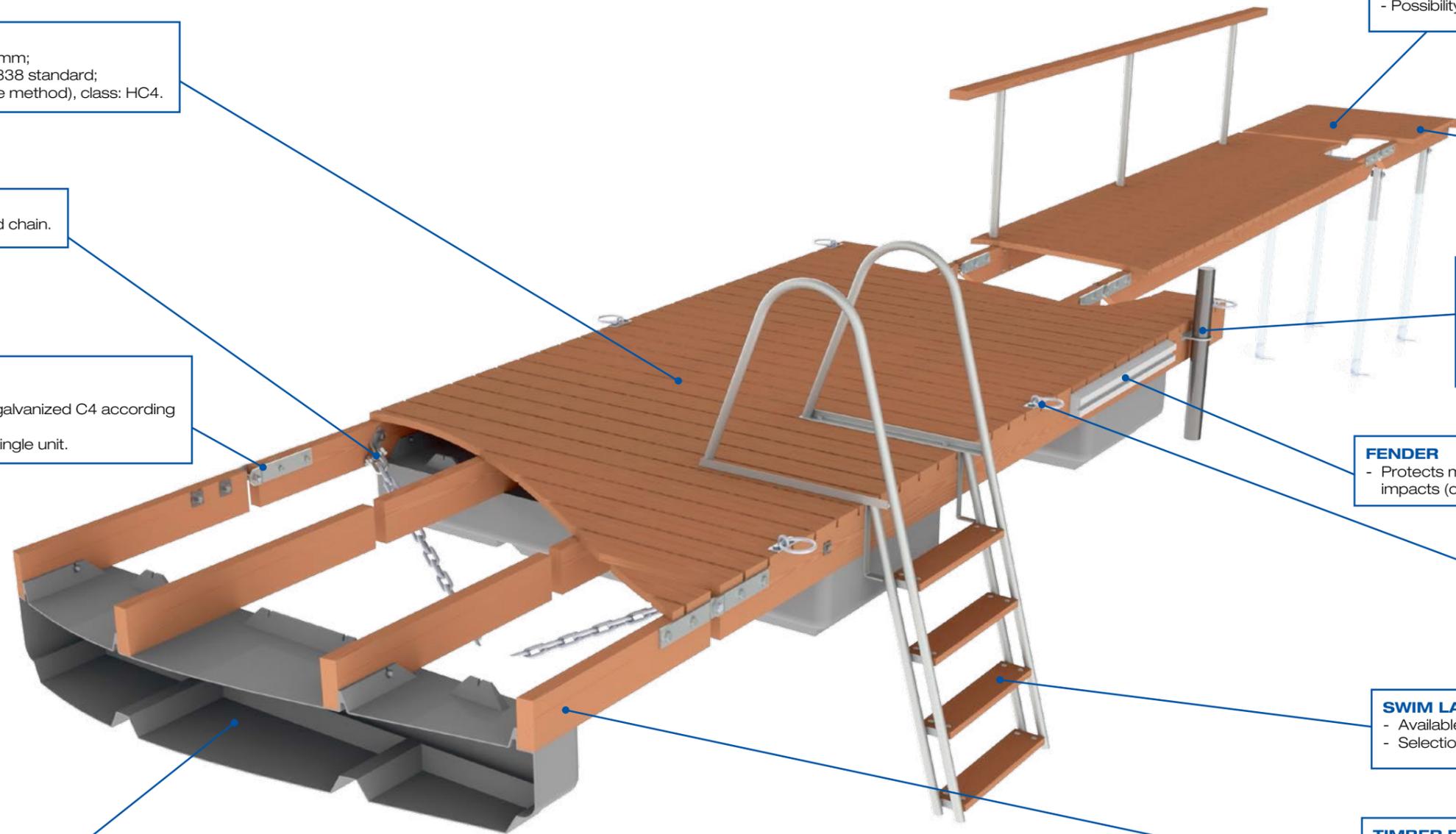
- Mooring ring (hot dip galvanized).

**SWIM LADDER**

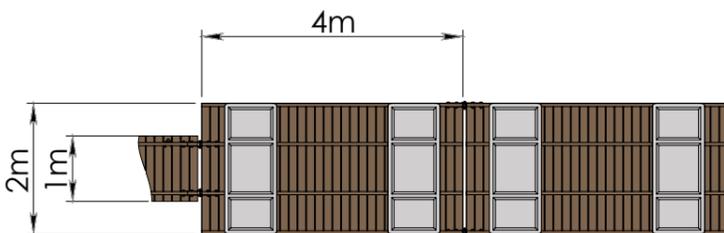
- Available as fully hot dip galvanized or stainless steel;
- Selection of 4 or 7 step swim ladders.

**TIMBER FRAME**

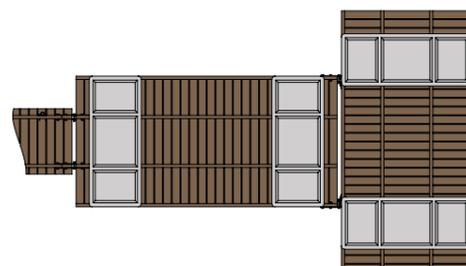
- Planed timber beam 45x145 mm;
- Strength C24 according to EN 338 standard;
- Impregnated (vacuum pressure method), class: HC4.
- All bolts and fittings are fully hot dip galvanized.



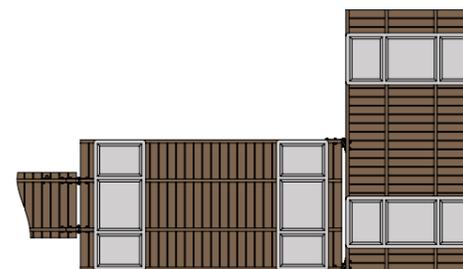
**END CONNECTION**



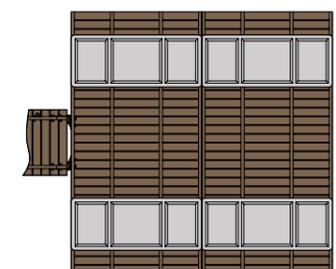
**T-CONNECTION**



**L-CONNECTION**



**SIDE CONNECTION**



## Swimming Pontoon ECO

<b>Boat Pontoon</b>	Module construction. Easy to transport and install. Moderate bearing capacity.
<b>Intended use</b>	For swimming areas, beaches.
<b>Connection options</b>	End connection, side connection, L-connection, T-connection.
<b>Structural design</b>	400 l plastic floats. Resistant to UV-radiation and freezing.
<b>Mooring system</b>	Mooring by chain or piles.
<b>Accessories</b>	Mooring rings, fenders, swim ladders, safety equipment, railings.

### Technical Data of the Swimming Pontoon ECO

Item code		05 10 00	05 11 00	05 12 00
<b>Dimensions (m)</b>	<b>W</b>	2.0	2.0	2.0
	<b>L</b>	4.0	4.0	4.0
	<b>H</b>	0.43	0.43	0.43
<b>Number of floats (pc)</b>		2 x 400 l	3 x 400 l	4x 400 l
<b>Freeboard (m)</b>		0.37	0,39	0.4
<b>Designed load capacities (kN/m<sup>2</sup>)</b>		0.77	1.24	1.71
<b>Weight of the pontoon (kg)</b>		169	189	209
<b>Dimensions of floats Wx Lx H (m)</b>		0.8 x 2.0 x 0.26		
<b>Allowed max wave height</b>		0.2 m		
<b>Allowed perpendicular velocity</b>		1 m/sec		
<b>Allowed icing/ freezing</b>		No ice movement allowed		
<b>Mooring system</b>	<b>Chain</b>	Ø10 mm		
	<b>Concrete anchor</b>	200 kg		
	<b>Pile</b>	Ø60 mm, 1 kN		

Revision date 1 January 2016

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



Top Marine  
Ph +372 5304 4000  
Fax +372 656 0520

Tule 21, Saue 76505 ESTONIA  
info@topmarine.ee  
www.topmarine.eu

#### Representative:

Baltic Marina Export  
Lukiškių g. 5 - 331, LT-01108 Vilnius, Lietuva  
Tel.: +370 652 62284, +370 652 41239  
info@lieptas.lt  
www.lieptas.lt