

# Top Marine

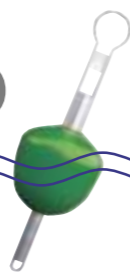
Floating Marina Installations



## Swimming Pontoon ECO



# Swimming Pontoon ECO



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

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

**HINGE CONNECTION**  
- Strong and reliable;  
- All metal parts are fully hot dip galvanized C4;  
- Connects pontoons into one single unit.

**PLASTIC FLOAT ECO 400 LTR**  
- Roto moulded from Polyethylene (PE);  
- Protected against UV-radiation and freezing.

**GANGWAY**  
- Timber gangway;  
- Possibility of railings.

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

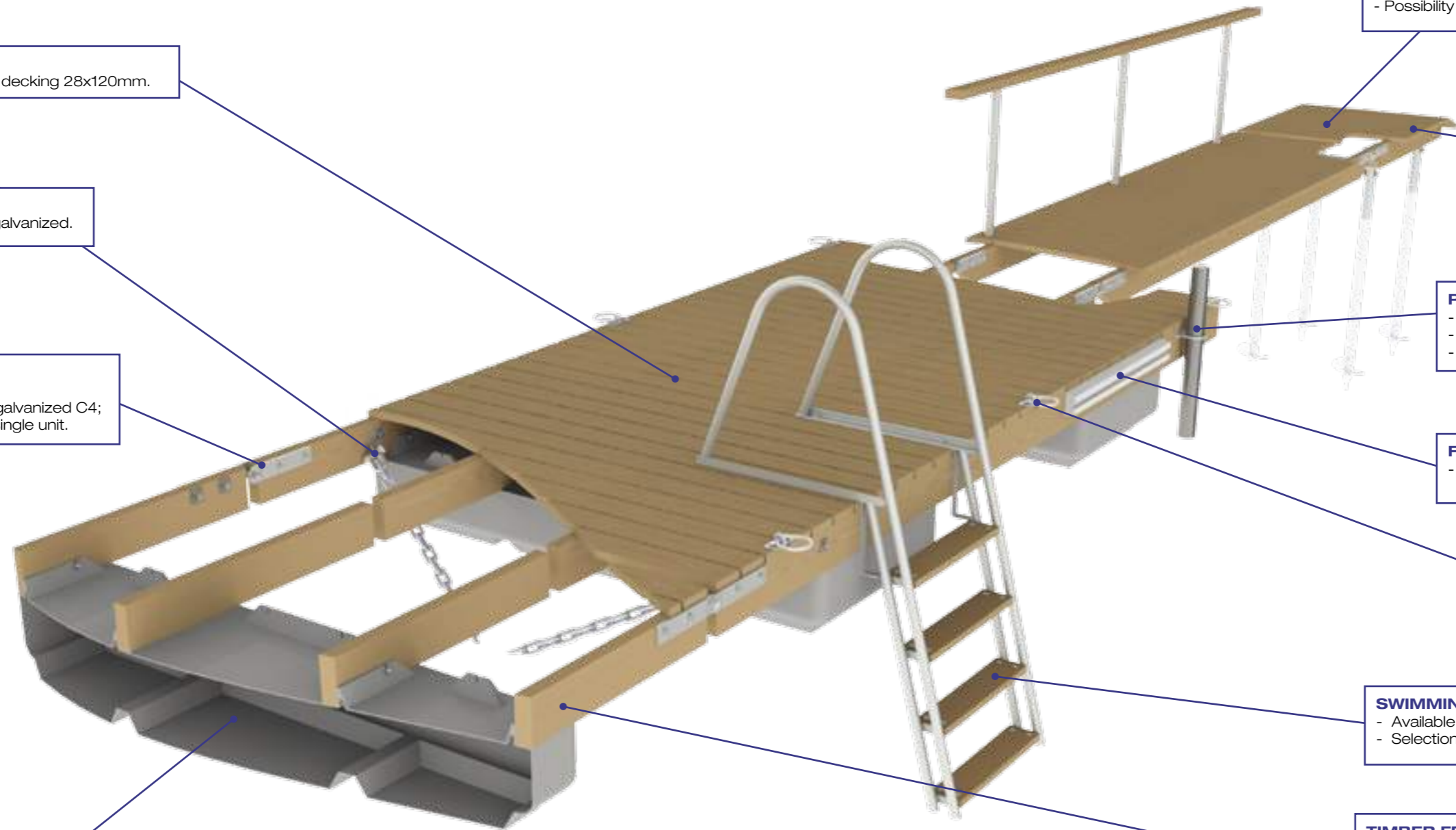
**PILE ANCHORING SYSTEM**  
- An alternative solution for chain anchoring;  
- Has been designed for piles Ø60 mm;  
- The designed pile load is 1 kN.

**FENDER**  
- Protects timber pontoons against impacts (colour: white or grey).

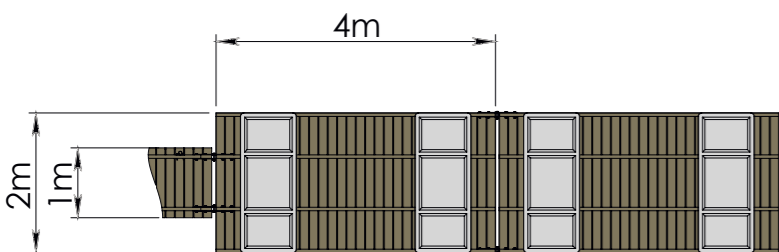
**MOORING RING**  
- Mooring ring (hot dip galvanized).

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

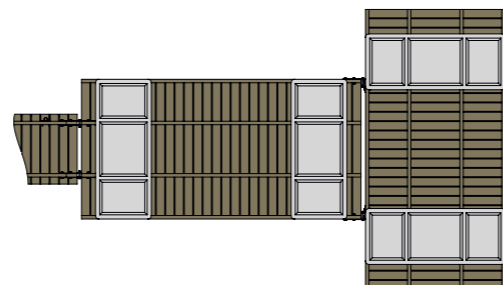
**TIMBER FRAME**  
- Planed timber beam 45x145 mm;  
- Strength C24 according to EN 338 standard;  
- Impregnated (vacuum pressure method), class: HC4.  
- All bolts and fittings are fully hot dip galvanized.



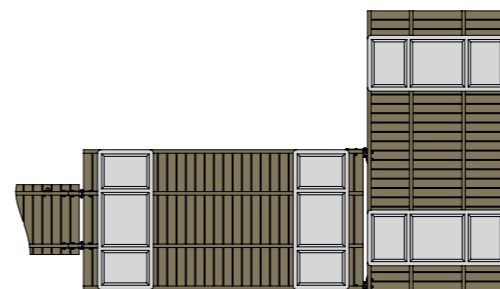
**END CONNECTION**



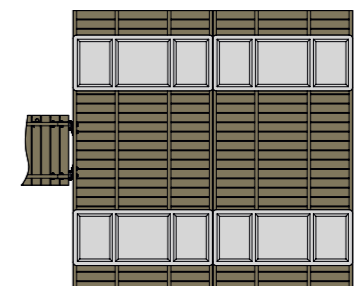
**T-CONNECTION**



**L-CONNECTION**



**SIDE CONNECTION**



# Swimming Pontoon ECO

|                             |  |
|-----------------------------|--|
| <b>Swimming Pontoon ECO</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>Anchoring system</b>     | Anchoring 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 09 01                                | 05 10 01   | 05 12 02   | 05 20 02   | 05 22 03   | 05 30 02   | 05 32 04   |
|--|------------------------|---|------------|------------|------------|------------|------------|------------|
| <b>Dimensions of pontoon (m)</b>                 | <b>Length</b>          | 3                                       | 4          | 4          | 5          | 5          | 6          | 6          |
|  | <b>Width</b>           | 1.0                                     | 1.0        | 2.0        | 1.0        | 2.0        | 1.0        | 2.0        |
|  | <b>Height</b>          | 0.44                                    | 0.44       | 0.44       | 0.44       | 0.44       | 0.44       | 0.44       |
| <b>Number of floats (pc)</b>                     |                        | 1x 400 ltr                              | 1x 400 ltr | 2x 400 ltr | 2x 400 ltr | 3x 400 ltr | 2x 400 ltr | 4x 400 ltr |
| <b>Freeboard (m)</b>                             |                        | 0.39                                    | 0.38       | 0.38       | 0.4        | 0.39       | 0.39       | 0.4        |
| <b>Designed load capacity (kN/m<sup>2</sup>)</b> |                        | 1.08                                    | 0.77       | 0.77       | 1.33       | 0.96       | 1.08       | 1.08       |
| <b>Designed load capacity (kg)</b>               |                        | 330                                     | 316        | 632        | 677        | 977        | 662        | 1324       |
| <b>Weight of the pontoon (kg)</b>                |                        | 70                                      | 84         | 168        | 123        | 223        | 138        | 276        |
| <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 current speed</b>                     |                        | 1 m/sec                                 |            |            |            |            |            |            |
| <b>Ice condition</b>                             |                        | Need to be dismantled for winter period |            |            |            |            |            |            |
| <b>Anchoring systems</b>                         | <b>Chain</b>           | Ø10 mm                                  |            |            |            |            |            |            |
|  | <b>Concrete anchor</b> | 200 kg                                  |            |            |            |            |            |            |
|  | <b>Pile</b>            | Ø60 mm, 1 kN                            |            |            |            |            |            |            |

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