

## FLOATING PONTOONS SPORT

These pontoons have a minimum free board to easy the docking and mooring of rowing boats. The specifically designed floating beams allow a quick and easy alignment of the rowing boats at the starting line.

### SPORT 240 - TECHNICAL CHARACTERISTICS

<b>VIAREGGIO</b>	<b>6,30x2,40 m</b>	<b>8,30x2,40 m</b>	<b>10,30x2,40 m</b>
length :	6,30 m	8,30 m	10,30 m
width:	2,40 m	2,40 m	2,40 m
displacement:	800 kg	1.100 kg	1.350 kg
capacity:	about 70 kg/m <sup>2</sup>	about 70 kg/m <sup>2</sup>	about 70 kg/m <sup>2</sup>
height out of water:	0,66 m	0,66 m	0,66 m
free board:	about 0,25 m	about 0,25 m	about 0,25 m
draft:	about 0,41 m	about 0,41 m	about 0,41 m
n. mooring eye-bolts:	4	4	4
floats:	18	24	30
Transversal stability:	residual freeboard is 0,24 m, under uniform live load of 1,5 kN/m <sup>2</sup> (150 kg/m <sup>2</sup> ) applied to one-half pontoon width on the deck, such freeboard being far greater than 0,05 m as specified by AIPCN Recommendations for marinas design.		

The modules are made according to the AIPCN regulations for the pleasure harbours.

The steel frame consists of HEB 100 beams.

Each frame is equipped with eye-bolts, consisting of 20 mm dia. solid steel rod, "Omega" shaped, directly welded to it.

The hot dip zinc-plated process is made in compliance with EN ISO 1461 standard; it protects the structure from the marine corrosion.

The contiguous modules are connected by joint knees, working on polyamide self-lubricating bearings. Joint-cover is placed on top of the joint knees.

The buoyancy is provided by plastic floats, filled by self-extinguishing expanded closed cell polystyrene, CE marking in compliance with the applicable European Directives and Regulations.

The floats are assembled in group of 3 by means of marine aluminium alloy profiles.



The pontoons are supplied with row of fenders at each longitudinal side. The fenders are injection moulded by co-polymer polypropylene or other polyolephinic resin, UV resistant and elastomeric compound to improve shock resistance.

Every module is equipped with mooring rings in hot moulded steel. The rings are hot dip zinc-plated and assembled to the frame by means of 2 M10 bolts.

The deck, made of Similteck resin staves, consists of panels 2.00 m long, 2.00 m wide.

The staves are supported by aluminium alloy profiles, equipped with nylon female screws. Fixation of the staves by means of stainless screws.

The Similteck resin staves have no splinters, no special maintenance required, similar to natural wood, with a series of unequal veins, created on purpose by a special moulding process.

