



TBP REINFORCED POLYESTER

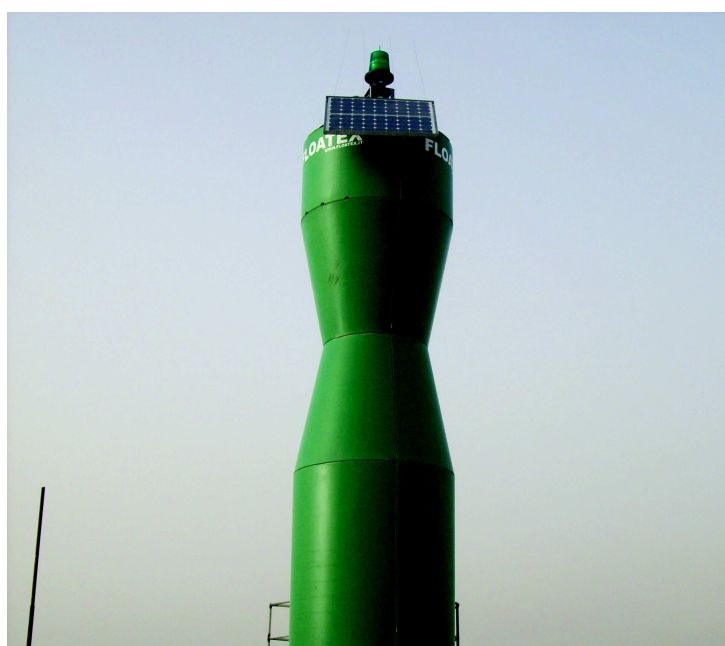
To facilitate the landing and approach to any type of ports, FLOATEX is involved, over many years, in the design and in the manufacture of a wide range of lattice tower, beacon and structure for navigation lightening systems.

For installations, especially in hard places, where normal cranes can't work, FLOATEX builds these signalling typ. For this reason Floatex take really in consideration the weight and the soundness. The beacon towers type TPB are built with modular fibreglass elements of various heights up to arrive to requested focal plane.

The minimum height is 4.5 meters at the balustrade while the maximum height is 15 meters.

The tower includes:

- One base element with internal place to hold power supply equipment: batteries, batteries charge, control panels etc. This element is equipped with a pad locking door wave resistant.
- One or more intermediate modules or elements conical or cylindrical in relation of the tower high.
- A top platform with balustrade and walk way for marine lantern installation and maintenance.
- Internal aluminium ladder.



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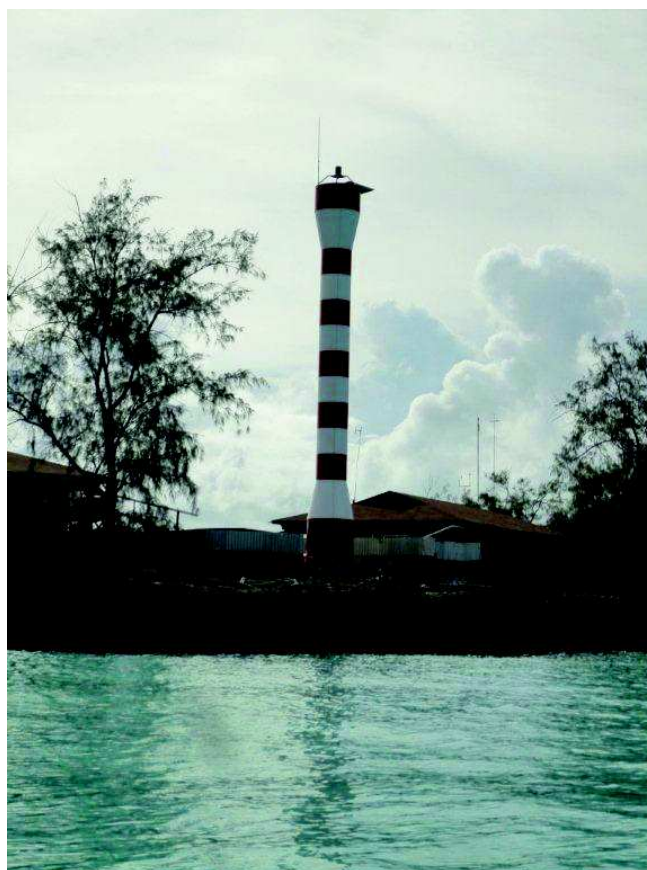


DIMENSIONS AND WEIGHT

| BASE ELEMENT | |
|-------------------------------|--------|
| Diameter at the base : | 1,8 m |
| Height : | 3,5 m |
| Weight : | 230 Kg |
| INTERMEDIATE CONE | |
| Diameter at the base : | 1,8 m |
| Upper diameter : | 1,2 m |
| Weight : | 120 Kg |
| INTERMEDIATE CYLINDER ELEMENT | |
| Height : | 1,0 m |
| Diameter : | 1,2 m |
| Weight : | 90 Kg |
| ROOF AND BALUSTRADE | |
| Height : | 1,0 m |
| Diameter at the base : | 1,8 m |
| Balustrade diameter : | 1,8 m |
| Weight : | 120 Kg |

TECHNICAL DATA

| | |
|--|---|
| Materials: | Fibreglass reinforced polyester resin, with variable thickness from 10 mm at the base and 6 mm on the upper part. |
| Maximum permanent load on the top | 300 Kg |
| Wind resistance | Up to 200 Km/h |
| Wave resistance | Up to 2 meters |
| Bolts and nuts for connections are made by high thickness of galvanized steel. | |



NOTE: The above mentioned data are indicative and should be pass through modifications in relation with design calculations and on a customer special request.