

TOWERS

ALT 10

CHARACTERISTICS AND ADVANTAGES

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| Strength | Calculated to withstand 200 km/h winds |
| Resistance to corrosion | Hot dip galvanised in accordance with ISO1460 and painted to C5-M |
| Paint | Customised scheme according to the customer requirements |
| Lantern | Designed to operate with lanterns from any manufacturer |
| Colours | In accordance with IALA E108 recommendations |
| Quality | According to ISO 9001, ISO 14001 standards |

APPLICATIONS

- Lighthouses and coastal beaconing
- Main beacons at commercial ports
- Beacons exposed to bad weather



FEATURES

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| Height | Up to 20 m |
| Lantern supporting bracket | Designed to customer requirements |
| Anchor bolts | Tailored anchor bolts according to the application |
| Service life | Galvanised steel: 25 years Stainless steel: 50 years |

CONSTRUCTION & QUALITY

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| Structure | Constructed from steel sheet rolled to a cylinder or cone. Intermediate diameter 1050 mm, base 2100 mm and upper part 2100 mm. Thickness according to loads, heights and local conditions |
| Material | Hot dip galvanised steel according to 1460:2010 ISO |
| Screws | A2 stainless steel |
| Paint | Visible metal components are painted to C5-M according to ISO 12944 for marine environments, using an epoxy primer scheme and aliphatic polyurethane top coat |
| Standards | Eurocodes 1 and 3 |
| Colours | According to IALA E-108 |
| Manufacturer certificate | ISO 9001:2015, ISO14001:2015, IALA industrial member |
| Ladder | Internal ladder with lifeline |
| Recycling | The components are easily recycled with a direct re-use rate nearing 100% |
| Door | Vertical double door hinge of 1300 x 650 mm with sealing joint |
| Platform | 1800 mm floor diameter with gradient to the outside and outward discharging drains. Internal hatch and handrail |

OPTIONS

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| Material | Stainless steel |
| Solar panel | Solar panel support bracket located at the top of the beacon |
| Storage | Supports in the base to store batteries, boxes, etc. |