

COMPOSITE TOWERS

ALT 12

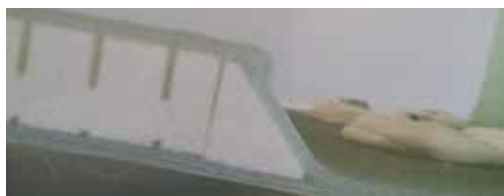
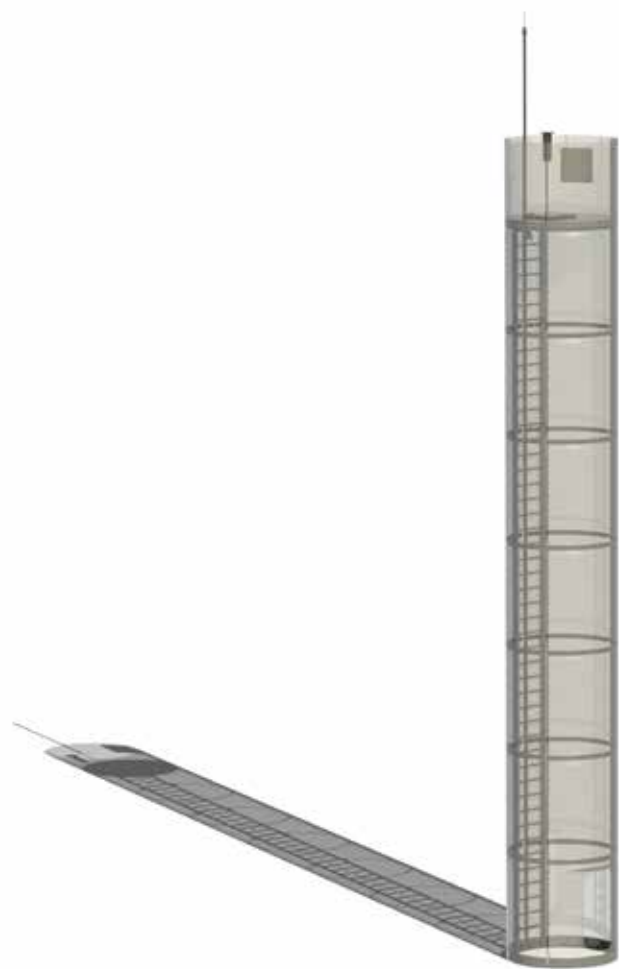
CHARACTERISTICS AND ADVANTAGES

Resistance to corrosion	Manufactured in GRP
Weight	Low weight panels to facilitate transport and installation
Coating	Gelcoat with maximum UV resistance
Lantern	Designed to operate with lanterns from any manufacturer
Colours	In accordance with IALA E108 recommendations
Quality	According to ISO 9001, ISO 14001 standards

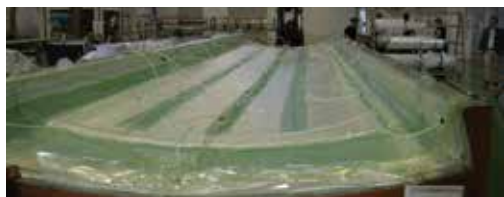
APPLICATIONS

- Structures for remote locations and difficult access
- Coastal beaconing
- Main beacons at principal ports

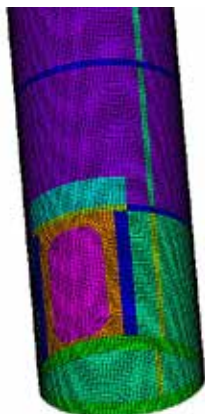




Section of sandwich panel.



Resin infusion process by vacuum sucking resin into a dry fiber laminate in a single-sided mold.



FEATURES

Height	Up to 16 m
Lantern bracket	Designed to customer requirements
Anchor bolts	Tailored anchor bolts according to the application
Service life	30 years

CONSTRUCTION & QUALITY

Structure	Modular cylindrical tower 1600mm diameter. Panels are bolted together with stainless connections
Material	Panels manufactured from epoxy infused fiberglass reinforced laminated skins with a foam core using vacuum
Screws	A2 stainless steel
Paint	SD Topclear 1533 gelcoat with UV treatment to delay aging, pigmented to required colour
Colours	According to IALA E-108
Manufacturer certificate	ISO 9001:2015, ISO14001:2015, IALA industrial member
Ladder	Internal aluminium ladder with lifeline
Door	Vertical double door hinge with sealing joint
Platform	1600 mm floor diameter, gradient to the outside. Internal hatch and handrail

OPTIONS

Accessories	Solar panel support bracket located at the top of the beacon, Racon support, top mark, radar reflector
Storage	Supports in the base to store batteries, boxes, etc.

