

# COMPOSITE TOWERS

## ALT 12

### CHARACTERISTICS AND ADVANTAGES

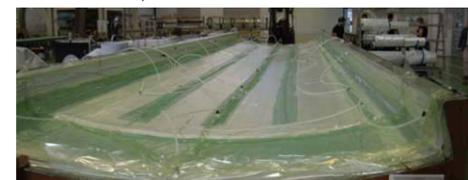
<b>Resistance to corrosion</b>	Manufactured in GRP
<b>Weight</b>	Low weight panels to facilitate transport and installation
<b>Coating</b>	Gelcoat with maximum UV resistance
<b>Lantern</b>	Designed to operate with lanterns from any manufacturer
<b>Colours</b>	In accordance with IALA E108 recommendations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

### APPLICATIONS

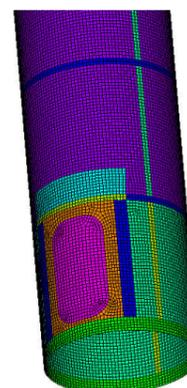
- Structures for remote locations and difficult access
- Coastal beaconing
- Main beacons at principal ports



Section of sandwich panel.



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



### FEATURES

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

### CONSTRUCTION & QUALITY

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

### OPTIONS

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

