

POSEIDON-1750

1750mm dia. Ocean Buoy



Poseidon-1750
Wreck Marking Buoy

Sealite have a range of mooring chains & accessories - ask your representative today how we can supply your complete mooring solution

The Sealite Advantage

- High visibility red, green, white or yellow as per IALA recommendations
- 3 part product: floatation section, mid section & top section
- Individual colouration of each section to suit IALA colour/configuration recommendations
- Excellent buoyancy & stability
- Easy to deploy & service
- No painting, ever
- Cost effective & environmentally friendly

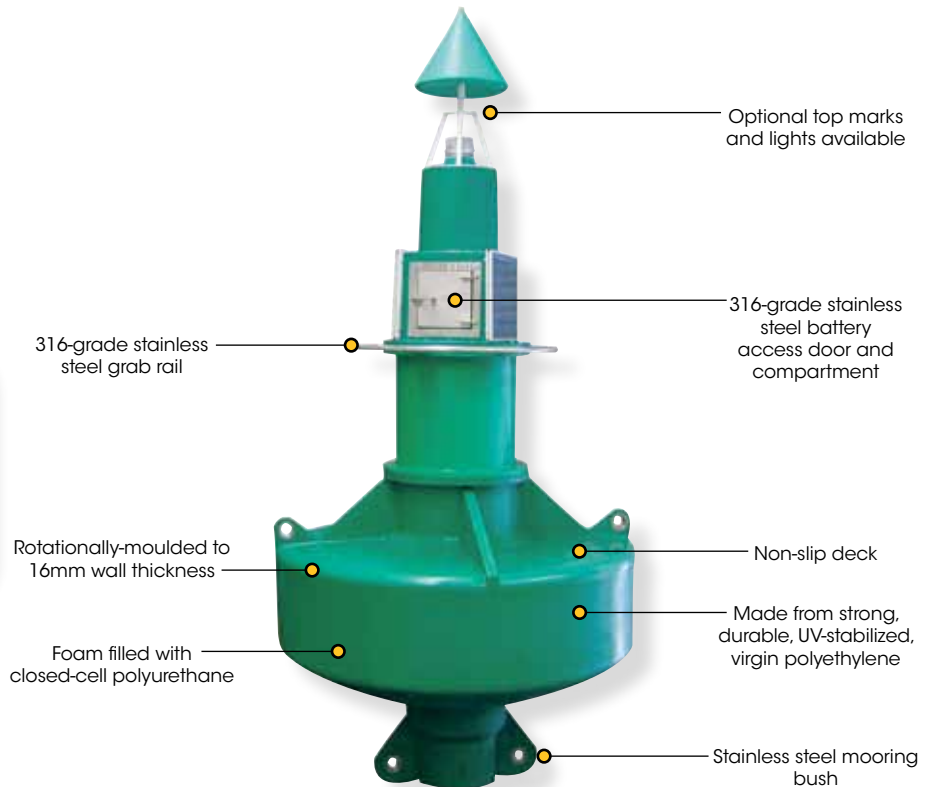


Optional Day Marks



Environmentally Friendly & Recyclable

Sealite buoy products are made from recyclable materials. As a service to customers, individual components and products at the end of their service life may be returned to Sealite for recycling.



The Sealite Poseidon-1750 Buoy is manufactured from UV-stabilized, virgin polyethylene and has been specifically designed to withstand the harsh marine environment, and operate reliably with minimal maintenance.

Ports worldwide are realising the advantages of polyethylene buoys over traditional steel models. The colour pigment is added to the polyethylene during the moulding process, which means that the buoy never requires painting.

The polyethylene material also inhibits marine growth, so the buoy requires cleaning less often than steel types.

Significant advantages of the polyethylene buoy allow the interval between servicing to be far greater and users continually report major cost savings.

The Poseidon-1750 is constructed from 3 parts ensuring ease of deployment and servicing. The float section incorporates two large lifting and mooring points, interconnected by 316-grade stainless steel tie-bars to provide greater strength. The mid-section may be supplied with a large secondary battery enclosure, whilst the top section is designed to carry the buoy's primary payload.

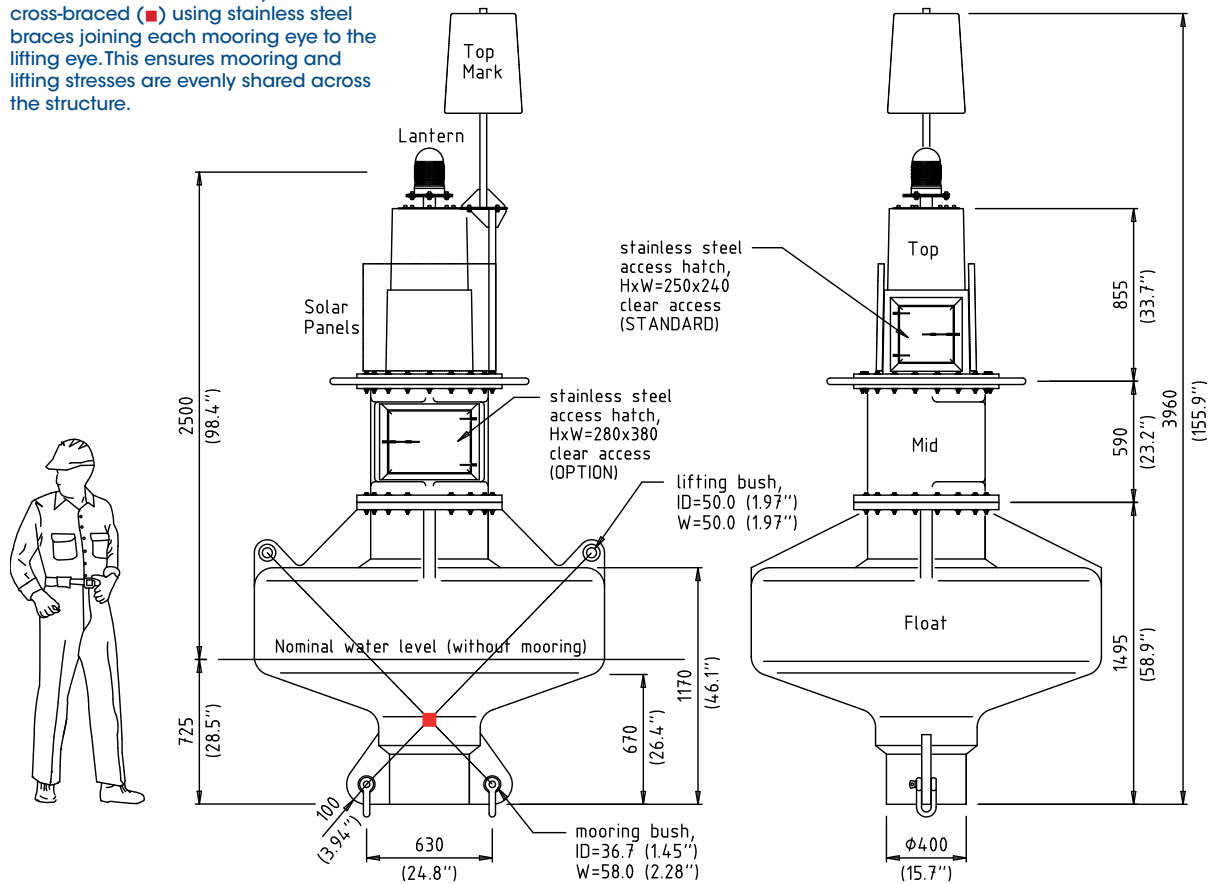
Safe Water Mark, Australia



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The float section is internally cross-braced (■) using stainless steel braces joining each mooring eye to the lifting eye. This ensures mooring and lifting stresses are evenly shared across the structure.



SPECIFICATIONS •



Poseidon-1750 Buoy, Korea



Sealite Poseidon Buoy installation, fitted up with an SLC310 light-head, Sint Maarten

General Characteristics

Available Colours	Red, Green, White, Yellow as per IALA Recommendations
Focal Plane Height (mm/inches)	2500 / 98 ³ / ₈ (standard). 3090 / 121 ⁵ / ₈ (with spacer)
Total Float Volume (litres/US gallon)	1650 / 436
Nominal Freeboard (mm/inches)	445 / 17 ¹ / ₂
Nominal Draft (mm/inches)	725 / 28 ¹ / ₂
Reserve Buoyancy (kgs/lbs)	600 / 1323
Maximum Mooring Load (kgs/lbs)	600 / 1323
Draft, Maximum (mm/inches)	970 / 38 ³ / ₄
Freeboard, Minimum (mm/inches)	200 / 7 ⁷ / ₈
Safe Working Load, 1pt (kgs/lbs)	2300 / 5070
Safe Working Load, 2pt (kgs/lbs)	3250 / 7165
Submergence (kg/cm, lb/inches)	24.5 / 137
Visual Area (m ² /ft ²)	1.75 / 18.8

Physical Characteristics

Material	Rotationally-moulded UV-stabilized virgin polyethylene, internal 316-grade stainless steel bracing, 316-grade stainless steel fittings, slip resistance platform
Wall Thickness (mm/inches)	16 / ⁵ / ₈ (float section)
Ballast (kg/lbs)	150 / 330 internal concrete
Filling	Closed-cell polyurethane foam (float section)
Height (mm/inches)	3960 / 156
Width (mm/inches)	1750 / 68 ⁷ / ₈
Mass (kg/lbs)	436 / 961
Radar Reflector	Echomax
Product Life Expectancy	>20 years

Certifications

Quality Assurance ISO9001:2008

Intellectual Property

Trademarks

Warranty *

Lantern Options Options Available

SEALITE® is a registered trademark of Sealite Pty Ltd
5 years

Sealite SLC310, SLC420, Apollo-155 or SL125 series

- Mould-in graphics
- Day marks
- Sealite IALA recommended top marks
- Monitoring Systems (AIS, GSM)

• Specifications subject to change or variation without notice
* Subject to standard terms and conditions

