## 1750mm dia. Ocean Buoy

#### POSEIDON-1750



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

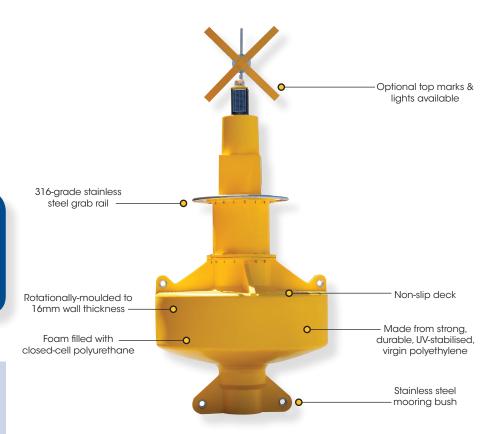
### The Sealite Advantage

- · 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





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-stabilised, 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

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

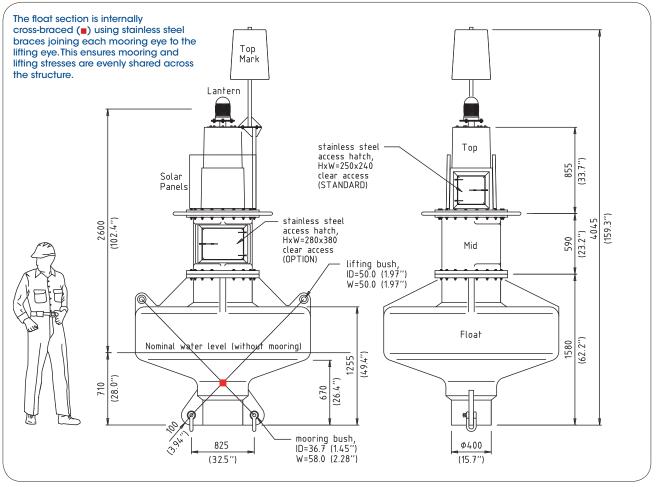
The POSEIDON-1750 is constructed from 3 parts ensuring ease of deployment and servicing. The float section incorporates two large lifting and mooring points, interconnected by 316-grade stainless steel tie-bars to provide greater strength. The mid-section may be supplied with a large secondary battery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





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#### SPECIFICATIONS • \*

#### **General Characteristics**

Available Colours Focal Plane Height (mm/inches)

Total Float Volume (Itrs/US gallon) Nominal Freeboard (mm/inches) Nominal Draft (mm/inches) Reserve Buoyancy (kgs/lbs) Maximum Mooring Load (kgs/lbs) Draft, Maximum (mm/inches) Freeboard, Minimum (mm/inches)

Safe Working Load, 1pt (kgs/lbs) Safe Working Load, 2pt (kgs/lbs) Submergence (kg/cm, lb/inches) Visual Area (m²/ft²)

#### **Physical Characteristics**

Material

Wall Thickness (mm/inches) Ballast (kg/lbs)

Filling Height (mm/inches) Width (mm/inches)

Mass (kg/lbs) Radar Reflector Product Life Expectancy

Certifications

Quality Assurance **Intellectual Property** 

Trademarks

Warranty \* **Lantern Options Options Available** 

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#### POSEIDON-1750

Red, Green, White, Yellow as per IALA Recommendations 2600 / 101.8 (standard). 3090 / 121<sup>5</sup>/<sub>8</sub> (with spacer)

1815 / 480

545 / 21.5 710 / 28

600 / 1323

600 / 1323

955 / 37.6 300 / 11.8

2300 / 5070

3250 / 7165 24.5 / 137

1.9 / 20.4

Rotationally-moulded UV-stabilised virgin polyethylene, internal 316-grade stainless steel bracing, 316-grade stainless steel fittings,

slip resistance platform

16 / 5/8 (float section)

150 / 330 internal concrete

Closed-cell polyurethane foam (float section)

1750 / 68<sup>7</sup>/8 428 / 944

Echomax

>20 years

Surface colours compliant to IALA E-108 ISO9001:2008

SEALITE® is a registered trademark of Sealite Pty Ltd

5 years

Sealite SL-C310, SL-C410, SL-C415, SL-C420, SL-125 Series or SL-155 Series

- · Mould-in graphics
- Monitoring Systems (AIS, GSM)





