

2200mm dia. Ocean Buoy

NAUTILUS-2200

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

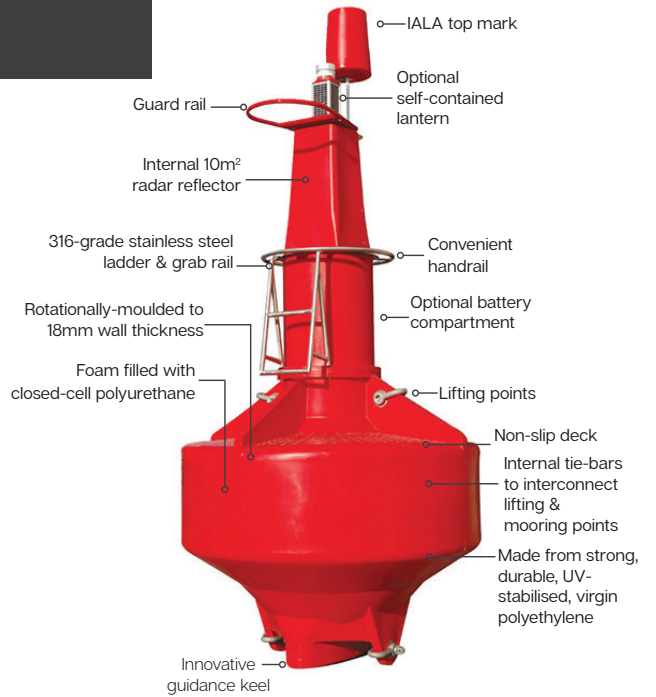


Environmentally Friendly & Recyclable

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.



AIS enabled NAUTILUS-2200



The NAUTILUS-2200 is a robust, rotationally-moulded polyethylene ocean buoy designed for offshore, port and coastal applications.

The buoy is rotationally-moulded by Sealite from UV-stabilised, virgin polyethylene, and has a 2.2mtr float diameter and 3.2mtr lantern focal height. Lantern focal height may be increased up to 4mtrs.

Built in a 2-part modular design, the buoy can be setup in any IALA recommended assembly, and consists of a high-visibility float section with non-slip tread, and a tower section to support considerable payload.

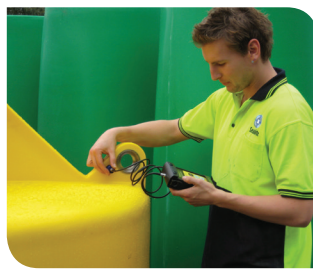
The twin lifting and mooring eyes are interconnected by stainless steel tie bars through the hull structure – offering enormous strength and superior longevity of the navaid.

Five (5) buoys can be shipped in a 40ft container economically to almost any destination.

The Sealite NAUTILUS-2200 is one of the largest buoys available to incorporate a one-piece, rotationally-moulded hull section, and represents exceptional value for port operators around the world.



The tower and battery compartment allows for incorporation of additional batteries to drive ancillary equipment and increase the working autonomy of the navaid in lower sunlight conditions.



Ultrasonic testing ensures consistency of wall thickness in key areas such as mooring points.

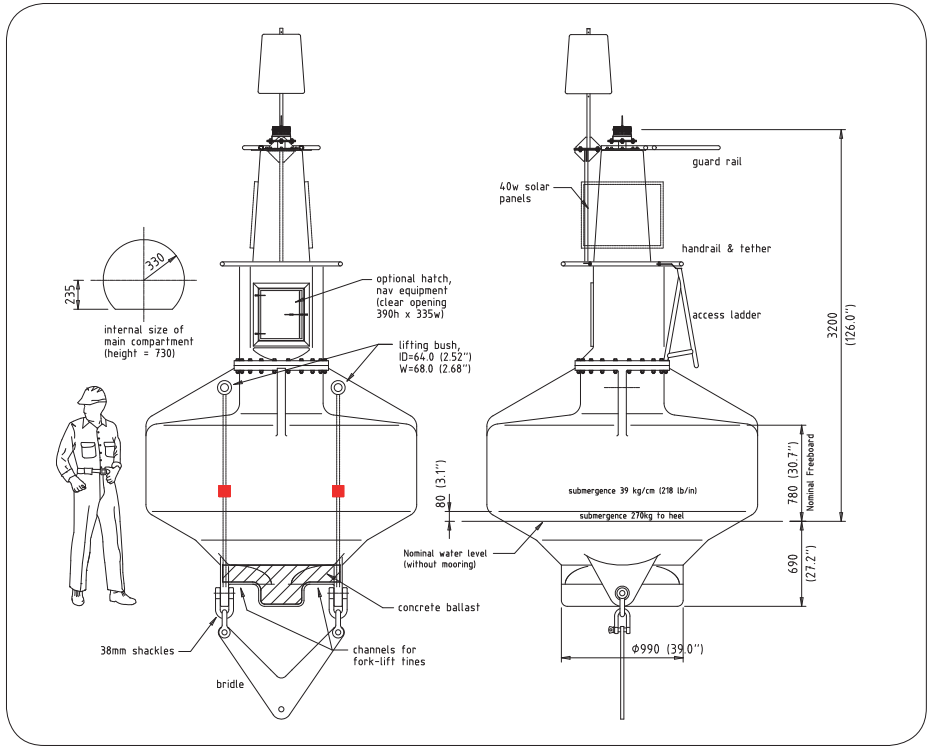


NAUTILUS-2200 Buoys mark the scuttled ex-HMAS Canberra, Port Phillip Bay, Melbourne, Australia

Convenient forklift access points to safely manoeuvre the buoy assembly.

The Sealite Advantage

- High visibility red, green, white or yellow as per IALA recommendations
- Robust construction, 2-part modular design
- Lightweight
- Large battery & payload section
- Excellent buoyancy & stability
- Easy to deploy & service
- No painting, ever
- Cost effective & environmentally friendly
- Replaceable mooring bush inserts
- 316-grade internal steelwork minimises corrosion



Technical Specifications.*

SPECIFICATIONS * *		NAUTILUS-2200	
General Characteristics			
Available Colours	Red, Green, White, Yellow as per IALA Recommendations		
Focal Plane Height (mm/inches)	3200 / 126		
Total Float Volume (ltrs/US gallon)	4370 / 1154		
Nominal Freeboard (mm/inches)	780 / 30 ³ / ₄		
Nominal Draft (mm/inches)	690 / 27 ¹ / ₂		
Total Reserve Buoyancy (kgs/lbs)	3670 / 8090		
Operational Buoyancy (kgs/lbs)	1050 / 2315		
Maximum Mooring Load (kgs/lbs)	1025 / 2260		
Draft, Maximum (mm/inches)	960 / 37 ³ / ₄		
Freeboard, Minimum (mm/inches)	510 / 20 ¹ / ₂		
Submergence (kg/cm, lb/inches)	39 / 218		
Visual Area (m ² /ft ²)	3 / 32.3		
Physical Characteristics			
Material	Rotationally-moulded UV-stabilised virgin polyethylene, internal 316-grade stainless steel bracing, 316-grade stainless steel grab rail and ladder		
Wall Thickness (mm/inches)	18 / ³ / ₄ (float section)		
Ballast (kg/lbs)	350 / 772 internal concrete		
Filling	Closed-cell polyurethane foam (float section)		
Height (mm/inches)	4120 / 162 ¹ / ₂		
Width (mm/inches)	2200 / 86 ³ / ₄		
Mass (kg/lbs)	830 / 1830		
Radar Reflector	Echomax 230 Midi (RSC 10m ² per RORC/ORC)		
Product Life Expectancy	>20 years ^		
Handling/Lifting			
Safe Working Load, 1pt (kg/lbs)	1950 / 4300		
Safe Mooring Load, 1pt (kg/lbs)	1025 / 2260		
Safe Working Load, 2pt (kg/lbs)	4950 / 10912		
Safe Mooring Load, 2pt (kg/lbs)	4000 / 8818		
Certifications			
Quality Assurance	ISO9001:2015		
Intellectual Property			
IALA	Surface colours compliant to IALA E-108		
Trademarks	SEALITE® is a registered trademark of Sealite Pty Ltd		
Warranty *	5 years		
Lantern Options	Sealite SL-75, SL-C310, SL-C410, SL-C415, SL-C420, SL-125 Series or SL-155 Series		
Options Available	<ul style="list-style-type: none"> • Custom signage • Day marks • Rotationally-moulded side-panelling • Monitoring Systems (AIS, GSM) • Solar panel supplies 		

* Intensity setting subject to solar availability

* Subject to standard terms and conditions

* Specifications subject to change or variation without notice

* Refer to the Sealite website under the warranty section



We believe technology improves navigation™



Sealite Pty Ltd
Australia
☎ +61 (0)3 5977 6128

Sealite Asia Pte Ltd
Singapore
☎ +65 6829 2243

Sealite United Kingdom Ltd
UK
☎ +44 (0) 1502 588026

Sealite USA LLC
USA
☎ +1 (603) 737 1311

