

# BERTHON

MARINE SERVICES

PAINT SERVICES

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**BERTHON**

Berthon Boat Co Ltd, The Shipyard, Lymington, Hampshire, SO41 3YL, United Kingdom  
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PROUD MEMBER OF  
**BRITISH MARINE**  
LEADING THE INDUSTRY

# PAINT FACILITY

## Berthon Paint Facility

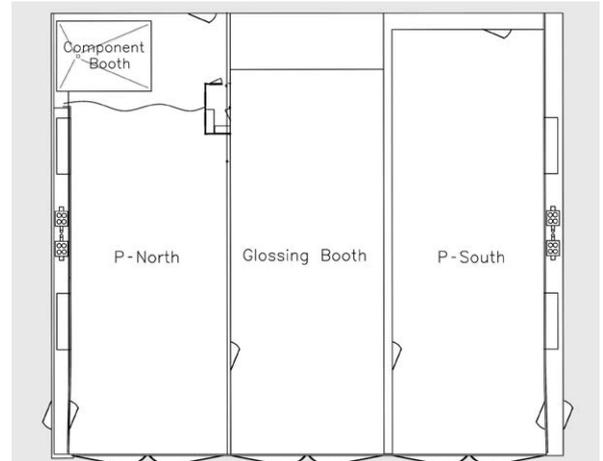
**Berthon's modern 1,100 sq/m paint facility is dedicated to the preparation and spraying of commercial and government sector vessels, as well as their structures and components. Our highly skilled and well trained staff produce excellent results time and again for our clients.**

### Vessel painting areas

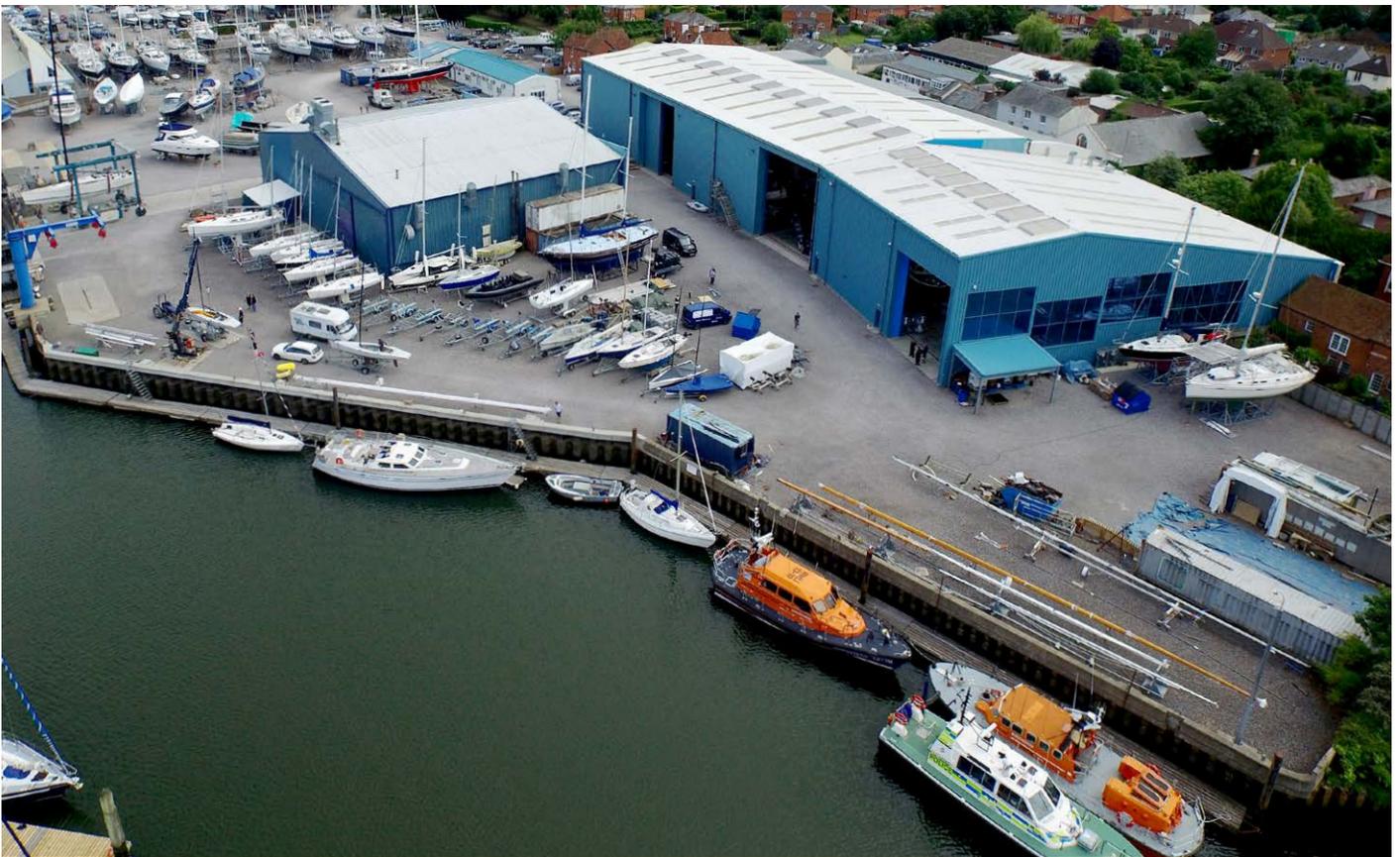
Berthon's paint facility was installed in 1999 by Dutch spray booth experts Rowit. It is made up of 4 adjoining areas: our component spray booth P-North, P-South and the central glossing booth. The component booth is a self-contained spray facility where all components and sub-assemblies that form part of the vessel can be painted.

A great finish starts with great preparation. P-North and P-South are the 'dirty work' areas where vessels will spend the majority of their time being rubbed down, filled, faired and primed. Our two preparation areas mean that Berthon can work on multiple paint projects simultaneously.

The glossing booth is 305 sq/m allowing us to paint vessels up to 90ft (28m). It is fully climate-controlled including variables such as temperature, humidity and air speed, ensuring the best possible finishes. All the preparation areas and the glossing booth can be accessed by our 120t boat mover, making transportation between areas seamless. We continually invest in our paint facility which means the results consistently surpass our clients' expectations.



Berthon's custom built spray facility



Berthon's 1,149 sq/m paint facility (left) opposite the 2,578 sq/m M-Shed & 1,154sq/m West Solent shed (right)

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## Berthon's paint facility - features

The controlled environment and Berthon's skilled painters are key to consistently achieving excellent results.

- We use filtered air that removes dust and particulate matter. The air speed is controlled depending on the type of paint being applied and the size of the vessel in the booth. We use 3-stage filters on all compressed air supplies to our booths which ensure the air is not only of breathable quality for the applicators, but also clean for supply to the spray guns so that no contamination enters the painting environment.
- The booths can be heated to over 50° C. During painting, the temperature is controlled precisely to allow for perfect application. After a pre-calculated period to aid curing, it is raised which helps to reduce 'orange peel' or other undesirable effects.
- The walls have a tacky surface coating that attracts any overspray and dust.
- The walls and ceilings have strip lighting that give a shadow-free setting for our paint teams throughout the booths.
- Automatic data loggers are positioned on the vessel being sprayed so that we can monitor conditions during every stage of the process. Quality panels are always painted to produce a permanent record, along with paint application record sheets so that we have full and clear documentation for the paint system being applied.
- The most recent investment in the paint facility was a heating upgrade in our preparation areas and component booth from oil to gas; this reduces the start-up time of the heating systems, further aids cleanliness and reduces costs.



Shannon Lifeboat after priming in south preparation area



Finished Shannon Lifeboat in the custom gloss booth



Two unmanned vessels in one of the custom 90ft (28m) spray booths.

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## Health & Safety – Environmental & Process Compliance

Berthon's paint facilities are self-contained, providing a safe environment that is fully compliant with COSHH criteria (Control Of Substances Hazardous to Health). All air extraction meets legal requirements, and regular planned maintenance includes gas safe certification for burners and smoke clearance tests for extraction systems; we also perform legally required annual LEV (Local Exhaust Ventilation) tests. The booths run on negative air pressure so that fumes are kept to a minimum, meeting all statutory requirements in this area. We control all the waste produced from our booths in a responsible manner and use specialist contractors for the disposal of any hazardous waste.

Berthon also holds the ISO 9001 quality management certification for painting vessels.

All certification requires us to be audited annually by a third party certification body. We are also audited by our commercial and government-linked key clients, who measure the health and safety and environmental compliances of their suppliers. Our paint team undergo annual health screening to ensure that we are protecting our most important asset.

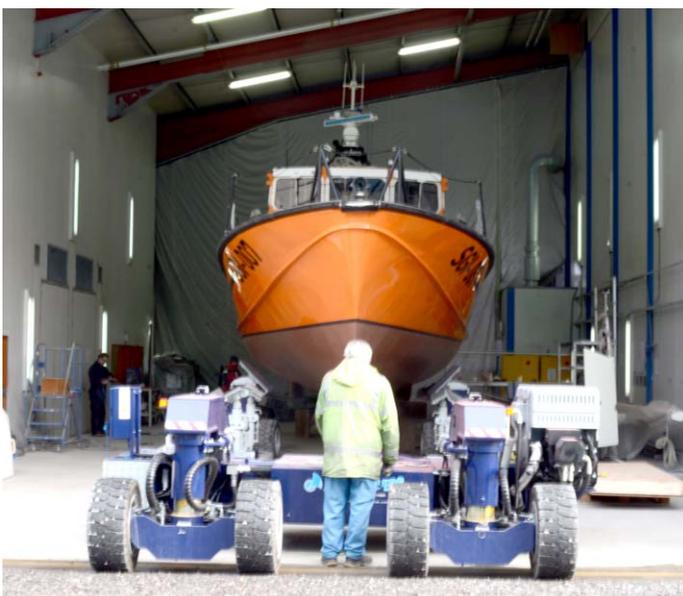
## The paint team in 2017

The paint team is made up of 10 full-time employees with the expertise and skills to perform everything from exquisite varnishing to superyacht quality finishes. 7 of the current employees were trained at Berthon, and we took 3 more painters on in our September 2017 apprentice intake. Our Senior Charge Hand has over 20 years' experience in the marine-spraying industry.

Since 1999 our paint team has completed over 350 paint jobs, from the new build RNLI Shannon lifeboat and component parts, to topside re-sprays on pilot, Police, MoD and work boats. We've performed repairs for insurance claims, to complete re-sprays as part of full commercial vessel refits.

If your vessel's paintwork is damaged, looking tired and old due to UV-damaged gelcoat or if you just want to update the colour scheme, Berthon can provide the perfect paint solution.

A selection of paint projects that Berthon have completed can be found on our website.  
If you would like to discuss paint options for your vessel or would like a quote you can contact Berthon on  
**+44 (0)1590 673 312** or email **projects@berthon.co.uk**



47' RNLI ex Tyne Class Lifeboat converted to patrol boat



49' 48 tonne MoD work boat

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