

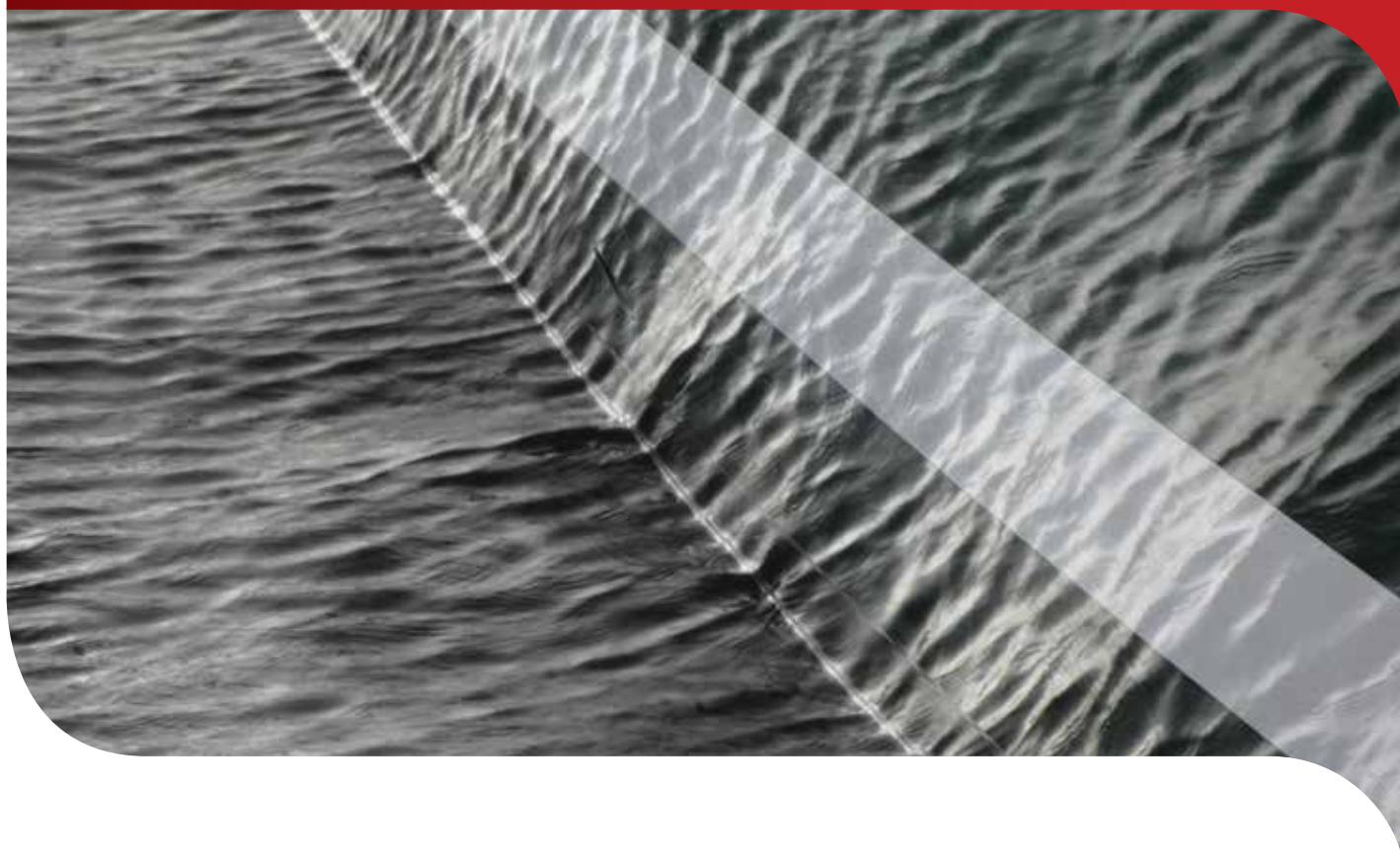


Yacht paint is complicated, right? With CCS it doesn't have to be.

As independent experts with over 20 years' experience, we help ensure you get the right paint job, at the right price and quality, all delivered on schedule.

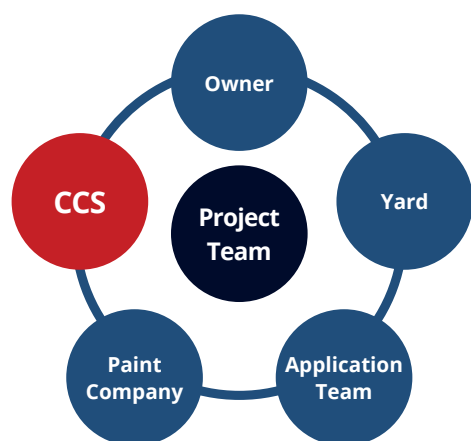


Smooth Sailing with CCS Coating Consultants for Superyachts



Whether you are looking to start a newbuild, a refit, or need help with an existing coating system, CCS has the experience and knowledge to help ensure the best possible results. The aim is to save you time and money and make the coating process as smooth as possible.

CCS's vital role in the newbuild or refit project team:



No one wants to deal with a painful paint failure, but the complex nature of coatings means there is always that risk.

With such a high failure rate, and the huge impact such failures can have it is important to have expert guidance.

CCS Coating Consultants for Superyachts is an industry-leading provider of yacht paint expertise. We bridge the technical gap between the supplier/paint contractor and the customer, ensuring you get a high

gloss, beautiful paint job that can withstand the toughest conditions.

Our experience and reputation speak for themselves; over the past 20 years we have been involved in more than 700 paint projects, working with some of the most well-known vessels in the superyacht fleet.

With a local presence in all major yachting hubs, CCS' certified personnel are able to offer rapid response around the globe.



Services

“CCS is a major part of our ongoing planning and without its input I would not enter into a major paint refit.”

Thomas Gurr
M/Y Helios



Surveys

If a paint system appears to be failing or is not up to standard aesthetically, CCS is the reliable choice for independent and expert surveying and troubleshooting.

With access to the latest inspection methods and technologies we have the means to accurately assess any paint job.

We carry out surveys to assess the condition of the fairing and coating system, including tank coatings, antifouling systems, varnishes and interior paint finishes.

Surveys can be carried out at any point, whether the yacht is in use (troubleshooting), before the work starts (pre-contract survey) or after the paint activities have concluded (final acceptance survey).

Based on the survey results, CCS can prepare a scope of work for complete or partial repair. To ensure a successful repair and paint application, periodic inspections are then recommended.



Inspections

A perfect paint job starts with the assistance of a CCS Coating Advisor, who will carry out regular inspections during the newbuild or refit period, setting a foundation for paint application success.

Enjoy the benefits of an expert pair of eyes patrolling the scaffolding, checking up on progress, performing measurements and making sure the coating products are being applied according to the paint manufacturer's recommendations.

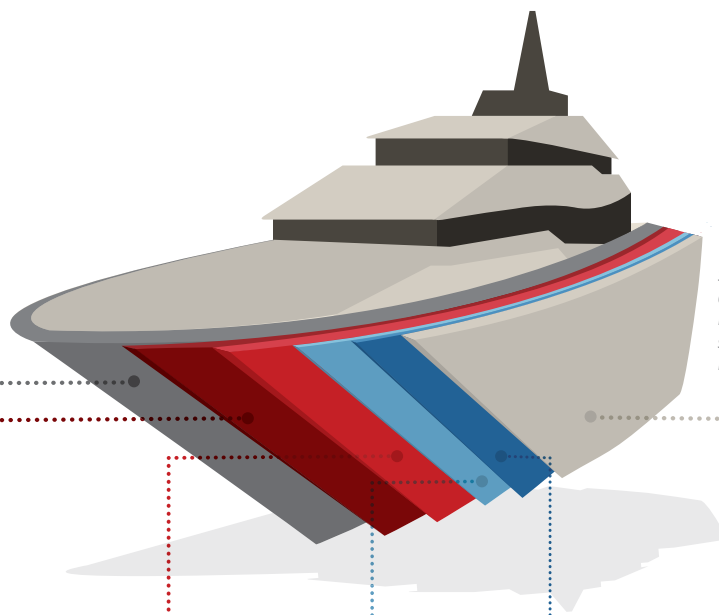
If necessary, corrective instructions are provided on the spot and a comprehensive written report is made available after every inspection.

After completion of all paint works, CCS prepares a final survey report that fully documents the technical and cosmetic properties of the paint system.

With the assistance of CCS you can be assured of the protective and aesthetic qualities of the yacht's coating system.



Inspections during all phases of the paint application process



Simplified representation of a superyacht paint system. Inspection activities are summarized and incomplete. For reference purposes only.

1 SUBSTRATE

- Check for dents/general fairness.
- Check for contamination such as oil and grease.
- Check for soluble salts and chlorides using ISO standard 8502-6 and 8502-9.
- After blasting/grinding:**
- Analyze the surface profile according to ISO standard 8503 part 2 (steel) and ISO 8503-5 (aluminium).
- Check the cleanliness rate according to ISO 8501-1 (steel).
- Perform a dust test according to ISO 8501-3.

2 PRIMER

- Check whether primers have been mixed and applied correctly.
- Perform a visual inspection and check for the presence of defects and imperfections such as holidays, pinholes, drips, sags, curtains and dust inclusions.
- Conduct dry film thickness (DFT) measurements according to ISO 2178.

3 FILLER

- Determine layer hardness (Shore D) according to ISO 868.
- Check that the filler has not been applied in excessively thick layers.
- Visually assess the filler layer for air pockets.

4 FINE FILLER

- Visually check for irregularities that negatively affect surface fairness.
- Detect and mark open pores and deep sanding scratches.

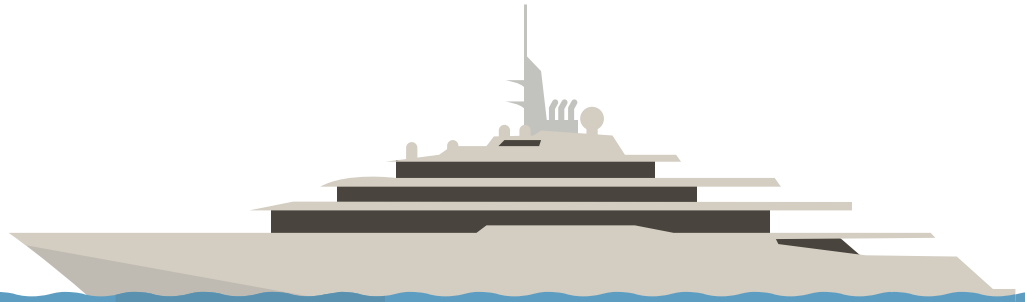
5 FINISHING PRIMER

- Check the sanding profile so proper intercoat adhesion is safeguarded.
- Check for excessively deep sanding scratches that might print through in the final topcoat.
- Visually inspect for defects and imperfections such as holidays, pinholes, drips, sags, curtains and dust inclusions.
- Perform DFT measurements according to ISO 2808.

6 TOPCOAT

- Measure gloss, orange peel and distinctness of image (DOI) according to ISO 11347.
- Visually assess all surfaces for the presence of sags, embedded dust, sanding marks, dull areas and other defects.
- Examine the locations and visibility of cut lines.

Peace of mind
from start to finish



STAGE	ACTION	EXPLANATION
1 THE DESIGN STAGE	 CCS examines the yacht's design plans	By analyzing the building plans, potential paint issues caused by the yacht's unique design can be intercepted and dealt with.
2 THE PLANNING STAGES	 CCS drafts/checks the necessary paperwork  CCS performs a pre-painting survey	A successful paint job starts by preparing all the right documentation. <ul style="list-style-type: none"> • Bid package ready for submission to shipyards (refit) • Paint manual • Paint specification • Acceptance criteria Get the project off to the best possible start with a kick-off meeting & pre-docking survey (refit).
3 PAINT APPLICATION STARTS	 CCS performs periodic inspections	Is surface preparation being carried out properly? Is the shipyard/contractor adhering to good paint practices and displaying good workmanship? Are paint products being applied in suitable ambient conditions? Are the paint manufacturer's guidelines being respected? The coating application process is scrutinized from start to finish.
4 DELIVERY	 CCS performs a final acceptance survey	A full survey from top to toe. Has the shipyard/contractor delivered what was required? Have the acceptance criteria been met? A full set of objective measurements are documented.
5 BEFORE WARRANTY EXPIRES	 CCS performs a warranty survey	The yacht is checked for excessive paint deterioration using the objective measurement values obtained during the final acceptance survey. Are there any other paint defects? What should be repaired/rectified under warranty?



Consultancy

CCS offers a truly bespoke consultancy service to the superyacht community, from the preparation stages all the way to delivery and into the warranty period.

We can begin our work as early as the design stages, by intercepting potential paint issues caused by the yacht's unique design features.

This is followed by the preparation of all documents and contracts, such as the paint specifications and acceptance criteria.

As work progresses we are on-hand to complete thorough inspections during the fairing and paint application phases, making sure the coatings are applied according to the paint manufacturer's guidelines.

Upon completion of the project we perform a final acceptance survey, measuring the work against the pre-agreed acceptance criteria. This helps you hold the shipyard/contractor accountable if the requirements are not met.

Finally, if required, using our specialist equipment and expert eye, we carry out an inspection at the end of the warranty period to confirm that the paintwork is still satisfactory and has not deteriorated excessively.

Whether you are starting the process of a newbuild or considering a refit, CCS offers peace of mind with our tailor-made superyacht paint consultancy solutions.



- Surveys / Inspections
- Consultancy
- Paint failure analysis
- Legal assistance / Litigation
- Insurance work

Locations



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9
Coating
Advisors



700+
Projects completed
since 1992



42,000+
Metres surveyed
and inspected