



**CRUISE**

## Cruise Ship Coatings

Chemco have been providing unique coating solutions for the cruise industry for over a decade. These innovative, solvent-free systems are specifically designed for the modern cruise vessel where short maintenance and a fast turnaround are of great importance.

Epo-chem™ RS 500P and Epo-chem™ RA 500M combine to make a multi-functional, groundbreaking coating system which has been extensively used in almost all areas of cruise ships. These high performance coatings offer long-term maintenance-free protection.

Substantial time and cost savings can be achieved through a significant reduction in dry docking period and by carrying out maintenance and repair work at sea.

Chemco's cruise ship coatings have achieved IMO approval (sea water ballast and crude oil tanks), NSF certification (potable water tanks) and are FDA compliant for carrying food, beverage and hot & cold potable water.



- Zero VOC
- No recoating limitations
- No storage or fire hazard
- Solvent-free coating technology
- No humidity or dew point restrictions
- Wet & rust tolerant coating technology
- Systems can 'continue to cure' underwater
- Compatible with almost all protective coatings, including shop primers and coal-tar epoxies
- Any surface preparation method can be utilised; abrasive blasting, water jetting or mechanical
- No requirements for dehumidification or ventilation
- No passenger disruption whilst vessel is in operation
- Specifically suitable for application in confined spaces
- Outstanding adhesion to rusty or poorly prepared and wet surfaces
- No interference to other work being carried out nearby (including hot work)



## Application Areas

Chemco also offer a variety of specialist coatings for a wide range of applications:

- High Temperature Coatings
- Chemical and UV Resistant Coatings
- Structural & Deck Coatings
- Ceramic Coatings

Chemco's cruise ship coatings can be utilised in the following areas:

- Sea Water Ballast Tanks
- Grey/Black Water Tanks
- Sewage Tanks
- Potable Water Tanks
- Fuel Oil Tanks
- Boiler Tanks
- Hot Well Tanks
- Sulphur Fuel Residue Tanks
- Void Spaces
- Battery Rooms
- Fan Rooms
- Chemical Stores

- Swimming Pools
- Balconies
- Main Decks
- Steam Pipes (up to 150°C)
- Accommodation Spaces
- Refrigeration Rooms
- Chain Lockers
- Galleys
- Firewall Supports
- Engine Room Bilges
- Machinery Spaces
- Air Con Ducting

- Outside Shell
- Topsides
- Boottops
- Underwater Areas
- Superstructures
- Funnels
- Rudders
- Propellers
- Scrubbers
- Service Walkways/Passages
- Thrusters Tunnels
- Sea Inlet Boxes

The solvent-free nature of Chemco's coatings enable the products to be utilised without disturbing passengers or crew, allow hot work to be carried out and significantly reduce Health & Safety concerns and Fire Hazards.

There are major benefits and advantages of this technology over conventional systems; therefore most cruise ship companies are now changing their specifications to Chemco.



## Frequently Asked Questions

### Why are major cruise ship companies choosing Chemco over traditional paints?

Substantial time and cost reductions can be achieved by utilising Chemco's high quality, innovative, solvent-free coatings. The surface preparation flexibility and coating application in any environmental condition, will offer reduced equipment requirements, faster application and quicker return to service. This will consequently result in a significant reduction in contract duration at sea or dry dock.

### Are the coatings environmentally friendly?

These coatings not only comply with, but surpass the latest Health & Safety and Environmental legislations. Environmentally conscious companies substantially reduce their environmental impact and carbon footprint by utilising these coatings.

### How do you apply Chemco coatings at sea?

The unique solvent-free and wet & rust tolerant characteristics of Chemco's coatings allow water-jetting and mechanical preparation to be utilised as an alternative to costly and hazardous grit blasting. The application process is simplified as there are no dehumidification or ventilation equipment and no extensive application equipment requirements for surface preparation and coating application.

### Are Chemco's cruise ship coatings approved?

Chemco's coatings are IMO approved (sea water ballast and crude oil tanks), NSF certified (potable water tanks) and FDA compliant (carriage of food and hot & cold potable water).

### How long have these coatings been in the market?

Founded in 1982, Chemco place great emphasis on research and development and are continuously looking for innovative coating solutions to bring to the market. Their revolutionary solvent-free, wet & rust technology was introduced in the year 2000. Today, millions of square metres of this coating technology have been applied throughout the world with great success.



"We have been using Chemco's unique coating systems in almost all areas of our cruise vessels for over 10 years with great success"

**Cruise Ship Chief Officer**

"If I require a solution to a corrosion problem Chemco are the first company I would contact"

**Cruise Ship Fleet Manager**

"I have full confidence in Chemco's revolutionary technology. Try, rely, be impressed and save both time and cost"

**Cruise Ship Superintendent**

"I never realised how much time and cost savings I could make using Chemco's coating systems"

**Cruise Ship Technical Manager**





 **chemco** INTERNATIONAL  
PIONEERS IN PROTECTIVE COATINGS  
**OUR LOCATIONS**



Head Office  
Chemco International Ltd  
East Shawhead Industrial Estate  
Coatbridge  
North Lanarkshire  
ML5 4XD  
Scotland, UK

Phone: +44 (0)1236 606060 | Fax: +44 (0)1236 606070 | Email: [sales@chemcoint.com](mailto:sales@chemcoint.com) | Website: [www.chemcoint.com](http://www.chemcoint.com)