

Onboard Maintenance for Cruise Ship Applications

Undertaking coating maintenance and repair work whilst a cruise ship is at sea is a technically challenging, extremely time consuming and expensive operation, which also carries significant H&S risks. Additionally, for many cruise ship applications, work cannot take place with passengers onboard.

However, coating maintenance and repair work can now be undertaken in a **cost-effective, safe and environmentally friendly** manner whilst passengers are on-board and the ship is in operation.

This is due to the unique combination of water jetting and/or mechanical preparation being utilised in conjunction with **Chemco's** revolutionary **solvent-free, wet & rust tolerant** technology:

- **Epo-chem™ RS 500P:** Solvent-free, wet & rust tolerant epoxy primer/finish
- **Epo-chem™ RA 500M:** Solvent-free, wet tolerant, glassflake and highly chemical resistant epoxy single coat/topcoat

This system has been **IMO approved** for application in **sea water ballast tanks**. It has also been certified by **NSF** for **potable water** applications and **FDA approved** for **food contact** and **potable water**.

The **solvent-free** nature of this system ensures applicator safety is significantly improved when compared with traditional solvent-based paints, especially in confined spaces such as small tanks and engine rooms. The odourless characteristic allows application without passenger disruption from unpleasant fumes and, in many cases, without any awareness that maintenance work is being carried out at all.

System Benefits:

- Solvent-free
- Wet & rust tolerant
- No passenger disruption
- Odour-free
- No requirements for grit blasting
- No requirements for dehumidification or ventilation
- No requirements for dry-docking
- Significantly reduced H&S and Fire Hazard
- No humidity or dew point restrictions
- No overcoating limitations
- Compatible with almost all coatings, including shop primers
- Coatings can 'continue to cure' underwater



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