

Riding Crew Maintenance and Repair Work

Undertaking coating maintenance and repair work whilst a vessel is at sea has always been a technically challenging and extremely time consuming and expensive operation, which also carries significant H&S risks.

However, coating maintenance and repair work can now be undertaken in a **cost-effective, safe and environmentally friendly** manner whilst a vessel is in operation.

This is due to the unique combination of water jetting and/or mechanical 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** and **crude oil cargo tanks**. It has also been certified by **NSF** for **potable water** applications and **FDA approved** for **food contact** and **potable water**.

System Benefits:

- Solvent-free
- Wet & rust tolerant
- No requirements for grit blasting
- No requirements for dehumidification or ventilation
- No disruption to normal operating service of the vessel
- 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
- Ballast possible after 4-8 hours - coatings can 'continue to cure' underwater



Applying RS 500P on wet & rusty surface



Applying RA 500M on wet surface