

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

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