

Comparison Table

Marine Division

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	Epo-chem™ RS 500P	Conventional Paints	Chemco Benefits/Cost Savings:
Surface preparation	Grit/wet blast, water blast or mechanical SA 1, WJ-3 or ST2	Dry grit blast (SA2.5)	<ul style="list-style-type: none"> • Minimum 30% cost savings • Energy savings -- eco- friendly
Moisture tolerance	<i>Wet-tolerant, any humidity</i>	None - humidity limitations	<ul style="list-style-type: none"> • No de-humidification equipment required • Application immediately after surface preparation • Save on cost and time • No dew-point restrictions
Surface tolerance	<i>Rust-tolerant</i>	Dry grit blasted substrate	<ul style="list-style-type: none"> • Labour, equipment and time savings
Solvents and VOC	<u>100% solvent-free and zero VOC</u>	5% - 15% solvents	<ul style="list-style-type: none"> • No ventilation equipment required • No de-humidification required • No fire hazard or odour during the application • Environmentally friendly • No need to buy additional quantities due to material evaporation • No solvent emissions to the atmosphere
Compatibility	No over-coating limitation. Compatible with all existing ballast tank coatings, including coal-tar epoxies and shop primers	Compatibility issues. Previous coatings have to be totally removed. Inter-coat adhesion problems.	<ul style="list-style-type: none"> • Save on surface preparation • No compatibility issues
Back in service time	6 - 12 hours	7 - 14 days	<ul style="list-style-type: none"> • Significantly reduces docking time/cost • Quick de-staging • Can cure under water if required
Number of coats	1 coat (5 - 10 years protection) or maximum 2 coats (10 - 15 years protection)	2 - 3 coats (primer and top- coats) with long inter-coat drying times.	<ul style="list-style-type: none"> • Save on time, equipment and labour
Guarantee	5 - 20 years manufacturer's guarantee	No guarantee or guarantee under special conditions	<ul style="list-style-type: none"> • Enhanced life-cycle and reduced maintenance cost • Increased asset value • Guarantee transferrable
Certification	LLOYD's Class 1 and F.D.A. approved (fresh drinking water and dry cargos - grain etc). IMO PSPC for Ballast Tank Maintenance and New Buildings.		<ul style="list-style-type: none"> • Simplification • Reduced stock holding
Ease of application	Application at sea, quayside or dry-dock	Application in dry-dock by skilled workforce	<ul style="list-style-type: none"> • Major cost savings • Flexibility • Faster return to charter