ChemLINE® LC
Low Cure

Ambient cure cargo tank coating for rail and transportation tankers.



Description

ChemLINE® LC (Low Cure) is a ambient cure high solids polymer lining designed and engineered with high functionality, delivering high product performance and chemical resistance. It provides product/parcel tank operators who carry cargos such as Crude Oil, Biodiesel, and Biofuels with a lining that offers greater versatility and chemical resistance than Phenolic epoxy linings. One lining — capable of handling multiple cargos — allows owners to clean and utilize their tanker fleets for multiple cargos, maximizing asset use and revenues.

ChemLINE® LC has high cross link density that provides excellent resistance to:

- Crude Oil (93°C)
- Ethanol
- BioDiesel E-85
- Gasoline / Gasoline blends
- Oil/water mixtures
- Toluene
- Stearic Acid, 65°C
- LPG
- Nitrogen Fertilizer solution
- Naptha
- EDC (1.5% H_20)
- PFADs, 65°C
- Caustic Soda 50%
- n-Butanol
- Ethyl Acetate
- Acetone
- Kerosene
- MEG
- MIBK

Performance Features — Benefits

Performance Features	Benefits
▶ Excellent chemical resistance	Maximum versatility – asset utilization
▶ Low surface energy	Faster, easier cleaning
▶ Virtually non-permeable	Consistent product purity
▶ Resists acidified moisture	Long term performance
▶ High bond strength and flexibility	Exceptional toughness

Physical Data

- Color _____ Blue
- VOC _____ 135g/L
- Pot Life _____ 30-45 minutes @ 24°C (75°F)
- Volume Solids _____ 85.0%
- Recommended DFT _____ 12 mils
- Shelf Life _____ 12 months
- Cure for immersion service _____ 5 days @ 25°C (77°F) – crude oil or aliphatic hydrocarbons. All others contact APC representative for specific cargo and curing times.

For product recommendations and technical, application and heat curing information contact Advanced Polymer Coatings' customer service. Contact +1 440-937-6218.

KRY Coating & Denizcilik
ChemLINE

ADVANCED POLYMER COATINGS

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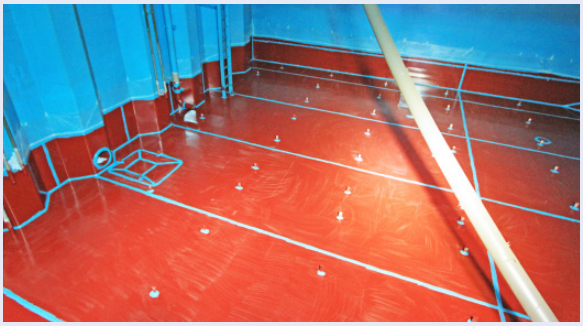
ChemLINE

Another APC Tank Lining Success Story







The new low temperature cure cargo tank coating from Advanced Polymer Coatings has met the need for Palmali Shipping's series of river/sea tankers.

WHO: Palmali Shipping, based in Istanbul, operates a large fleet of vessels carrying millions tons of liquid and dry cargoes annually from inner ports of central Russia, Caspian, Black and Mediterranean Seas to West Europe, and across the Atlantic Ocean and the Far East.

SERVICE: Palmali Shipping needed a cargo tank coating for a series of newbuild river/sea tankers capable of handling CPPs (Clean Petroleum Products), Bio-Fuels, Vegetable and Edible Oils, DPPs, and other cargoes.

HISTORY: Advanced Polymer Coatings was contacted to provide a low temperature cure cargo tank coating capable of handling a wide range of easy chemicals. This versatility is important to Palmali Shipping as it handles a number of chemicals and must be able to sequence these in various cargo tanks throughout ongoing voyages.

THE SOLUTION: The newbuild tankers in the Palmali fleet all employed APC's new coating system with the distinctive blue color for its cargo tanks. This helps Palmali Shipping meet its goal to provide professional ship management services to its customers in a competent cost effective manner at the highest environmental and safety standards.



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ISO 9001:2015

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