

The Chemical Processing Industry Relies on ChemLine® Coatings for High Performance

ChemLINE®
CASE STUDY

ChemLine® patented corrosion resistant coatings are ideal for demanding processing applications at chemical plants and refining facilities, providing optimal protection against more than 5,000 types of chemicals, including aggressive acids, alkalis, caustics, solvents, CPPs, and edible oils, even at elevated temperatures.

ChemLine® coatings are used throughout the world, protecting a range of processing equipment in and around areas including tanks, vessels, pipes, stacks, digesters, secondary containment, floors, pipes, waste water areas, clarifiers, flocculation basins and neutralization chambers.

The innovative ChemLine® polymer coatings are formulated to deliver high cross-linking functionality, and are heat cured to create a nearly impermeable barrier with superior long-term service.



ChemLine® Chemical Processing Case Studies

Tank Internal Reconstruction/Lining



Processing tanks of all types find ChemLine® invaluable to protect against corrosion.

LEFT: Severe tank corrosion issues were encountered due to reactions with Zinc Sulphate at high temperatures. RIGHT: ChemLine® coating applied internally in the tanks, rectified the corrosion problem. This photo shows the ChemLine® coating in service, with no problems.



Advanced Polymer Coatings
Avon Ohio 44011 U.S.A.
www.adv-polymer.com

+01 440-937-6218 Phone
+01 440-937-5046 Fax
800-334-7193 Toll-Free in USA & Canada

© 2016 0711

Automotive Plant Alkaline Cleaner Dip Tank



ChemLine® delivers superior resistance in many different operating environments.

LEFT: Operating conditions in this automotive alkaline cleaner dip tank are at a 140°F immersion temperature, causing early corrosion issues.

RIGHT: ChemLine® coating, shown being applied, was chosen to handle this challenging application and provide a long term tank lining solution.

Steel Plant Coats Pipe & Scrubber for Continuous Operation



ChemLine® protects equipment and assets throughout processing operations.

LEFT: Coating the interior of a pipe with ChemLine® to solve this steel facility's pipe corrosion problem, where corrosive gas empties into a scrubber.

CENTER: Finished coating. RIGHT: Installing pipe to the scrubber (also lined with ChemLine® coating) to handle this challenging corrosion and high temperature application.

Protecting Concrete Surfaces at Fertilizer Production Plant



ChemLine® serves as a barrier on concrete surfaces, and for secondary containment against occasional splash/spill occurrences at facilities.

LEFT: ChemLine® 784/32 red base coat applied on concrete surface. RIGHT: ChemLine® 784/32 grey top coat applied and then heat cured, serving as concrete and secondary containment protection against corrosive fertilizer chemicals.

Superior Secondary Containment and Flooring Protection



ChemLine® is used extensively to protect secondary containment areas and concrete flooring at chemical processing facilities, tank farms, and other high performance areas.