

Ways to Protect Surfaces from Corrosion: Chemical Resistant Coatings Work On Concrete, Metal & More

Many industrial environments are subject to chemical attack and require chemical resistant coatings.

Chemicals can degrade a variety of surfaces and plant structures. Areas that house machinery, equipment and other structures are often subject to aggressive chemicals including organic and inorganic acids, alkalis, solvents, salts, as well as hydrocarbons. Chemical resistant coatings are absolutely necessary in these environments and can save plant engineers thousands of dollars in repair and remediation costs over the plant's life expectancy.



Chemical resistant coatings protect a variety of surfaces.

Many surfaces can be affected by chemicals used in manufacturing processes. Pipes, tanks, housings, pedestals, floors and containment areas are especially vulnerable. Using corrosion protection coatings is the best solution for protecting these surfaces, and they are easy to apply. **Chemical resistant coatings** protect a variety of surfaces including concrete, tile, slate, brick, wood and metal.

Two **corrosion protection coatings** have proven to be especially effective:

- CHEMCLAD® XC is a two component, 100% solids, epoxy novolac, ultra-high performance, chemical resistant polymer system that provides unrivaled protection against some of the most aggressive chemical environments including 98% sulfuric acid. It is also approved by NSF for potable water applications.
- CHEMCLAD® SC is also a two component, 100% solids polymer system used to provide outstanding corrosion and chemical protection on all types of equipment and structures in more standard industrial environments. This high gloss protective coating yields a surface that is functional and aesthetically pleasing. CHEMCLAD® SC is available in a variety of different colors, including 'safety yellow' for essential safety/slip-resistance surfacing applications.

CHEMCLAD® systems have been used successfully in a variety of industries including manufacturing, mining, marine, electrical utilities, institutions, government agencies, to name a few. Applications in power plants, pulp and paper mills, steel mills, mining, food processing facilities, petrochemical plants, sewage plants, wastewater treatment plants, rendering facilities among others, have protected and extended the usable life of both equipment and plant structures.

Chemical resistant coatings allow you to repair – not replace.

You will save money, down-time and, most importantly, aggravation when you protect your industrial structures, machinery, and equipment with the CHEMCLAD® systems. These simple-to-use protective coatings are durable and have an unlimited shelf life – ideal for plant life extension applications.

CHEMCLAD® SC and CHEMCLAD® XC are manufactured by, and available from, ENECON Corporation. ENECON Fluid Flow Systems specialists can help you with your application and requirements. For more information on how you can protect your industrial investment, visit our website at www.enecon.com or call us at 516-349-0022.