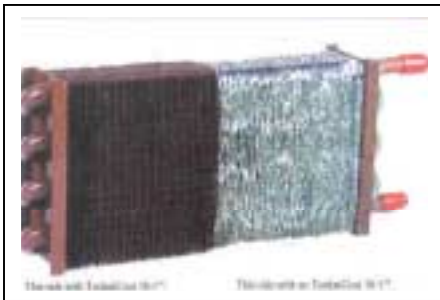




CLIMATE CONTROL SOLUTIONS

TechniCoat Coil Coating System



TechniCoat coils will function in most corrosive environments 5 to 10 times longer than uncoated coils. TechniCoat is the ultimate in corrosive protection for HVAC/R coils in coastal and other corrosive environments. Total Immersion ensures complete coverage with no significant loss of thermal efficiency.

The 4-step coating system consist of (1) etch prime, (2) epoxy polyamide, (3) epoxy-modified phenolic, and (4) phenolic sealer.

The result is a hi-density thin-film coating, which is applied to the louvered fins without bridging even at 26 fins per inch spacing. The finished TechniCoat surface is so smooth and free of micro-porosity, provides exceptional sheeting action, which means less fouling, easier cleaning, and prevention of microbiological contaminants.

Thermal efficiency loss consistently tests out at a negligible "under 1%." The longest ASTM-B-117 salt spray test conducted so far was terminated at 3100 hours with "no fin corrosion or degradation." Uncoated aluminum finned coils are severely corroded after only 500 hours of testing, while copper-to-copper coils were corroded and restricted air flow after 775 hours.

TechniCoat Is A Cost Effective Alternative For Coils In Coastal & Corrosive Environments

TechniCoat Coils Versus Copper-to-Copper Style Coils:

- * A TechniCoat coil is generally 2.25 times less expensive.
- * A Technicoat coil is nearly 3 times lighter than a copper finned coil.
- * A Technicoat coil withstands more hours of exposure/operation that other coil options

Applications To Consider The Use Of TechniCoat Coated Coil Option

- | | |
|-----------------------------------|--------------------------|
| * Wastewater Treatment Plants | * Wineries |
| * Gas and Oil Refinery Operations | * Chemical Plants |
| * Battery Manufacturers | * Pulp and Paper Mills |
| * Areas with Sulfur Water | * Seacoast Installations |



TechniCoat Coating Information

TechniCoat 10-1™ Is Resistant To Fumes Of The Following:

acetates - all	citric acid	nitric acid (dilute)
acetic acid	coke oven gas	nitrides - all
acetone	esters-all	nitrobenzene
acetylene	ethers - all	nitrogen fertilizers
acrylonitrile	ethylene oxide	oils - minerals / vegetable - all
alcohols - all	fatty acids	oxalic acid
aldehydes - all	fluosilicic	oxygen
alum	formaldehyde	perchloric acid (dilute)
amines - all	formic acid	phenol
ammonia	Freon	phosphoric acid
ammonium hydroxide	fuels - all	picric acid
ammonium nitrate	gases - inert	propane
aniline	gases - manufactured	salicylic acid
benzoic acid	gases - natural	silicic acid
benzol	glycerine	steam vapor
boric acid	glycols - all	stearic acid
brine	hydrocarbons - all	sulfate liquors
butane	hydrochloric - acid	sulfonic acid
carbolic acid	hydrogen	sulfur dioxide
carbonates - all	iodides - all	sulfuric acid
carbon dioxide	ketones - all	sulfurous acid
carbonic acid	lacquers	surfactants
carbon monoxide	lactic acid	tannic acid
carbon tetrachloride	maleic acid	tetraethyl lead
chlorides - all	malic acid	toluene
chlorinated solvents	methanol	trisodium phosphate
chlorine - less than 100 ppm	methylene chloride	urea
chloroform	naphthalene	water
chromic acid	nitrates - all	xylene

The information presented about is based on both research and experience and are believed to be entirely accurate. However, no guarantee of their accuracy can be made for obvious reasons and no responsibility can be assumed by TechniCoat, Inc., and/or Bard Manufacturing Company.

With over 30 years experience and more than 750,000 coils in which TechniCoat has been applied, TechniCoat 10-1™ stands are the state of the art in coil corrosion control.

For TechniCoat coil option availability and pricing information please contact the Bard Distributor for your area.