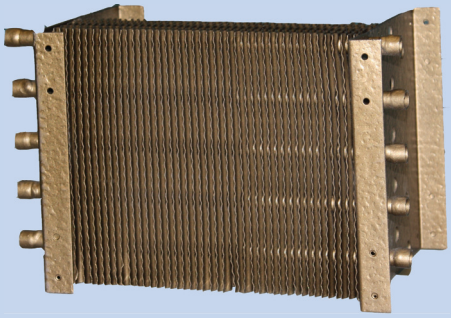
Bronz-Glow Coil Coating

Now available for all Air, Hot Gas and Electric Defrost Unit Coolers and all Air-Cooled Condensers

Description:

The coil coating is a multi-dip application that provides protection to the entire coil-- including the fins, copper tubes, and end plates. It is a rugged, abrasion resistant coating with very high tensile strength and flexibility-- allowing it to expand and contract with the coil as it heats and cools. Due to Bronz-Glow's unique properties, it is the first coil coating we have approved for use with electric defrost on unit coolers. The coating can easily be maintained and repaired in the field by spray application of Bronz-Glow's Husky Coil Coat, which is available as an aftermarket aerosol touch-up spray.



Environments where Commonly Used:

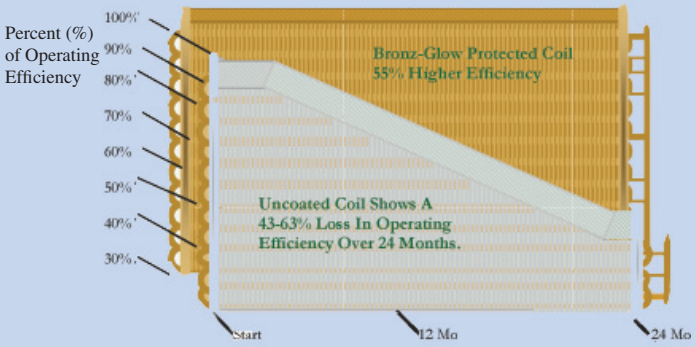
Restaurants, convenience stores, hotels and motels, convention centers, food processing, coastal regions, marine applications, sugar refineries, airports, petroleum refineries, paper mills and many other moderate to severely corrosive environments.

Chemical Resistance:

Protects against salt air, salt water, acid rain, hydrogen sulfide, sulfuric acid, hydrofloric acid, ammonia, chlorine, hydrogen chloride, sulfur water, uric acid and virtually any other acid or alkali.

Navy Corrosion Test Results (N-1560) of 24 Months Ocean Front Exposure on Al/CU Coils

Over twenty-four months of ocean salt spray exposure, uncoated coils showed a decline in operating efficiency, while the protected coils maintained close to their original operating efficiency. Operating costs for the uncoated coils will have increased 220%. Husky Coil Coat had no effect on unit capacity or EER. The unprotected coils showed a measurable loss of efficiency within the first 28 days. 12 a/c coils were monitored; 6 coated and 6 uncoated. These results average the findings. Source of test U.S> Navy N-1560; and Whirlpool Laboratory.



Test Period:After only 2 years of continuous use the unprotected coil suffers constant decline in efficiency

Result:Operating cost for unprotected coil more than doubled after only 24 months of exposure.