

# SURFACE TREATMENTS

## HERESITE™

Heresite is a baked phenolic coating that can withstand exposure to many corrosive and chemical fumes. Coating has a maximum temperature resistance of 400° F.

## ACRYLIC

Acrylic is an aluminum fin coil coating that is resistant to organic/inorganic acids (less than 10% conc.), alkalies, salts (less than 20% conc.) and many solvents. Coating is particularly good in acidic, caustic environments (food acids).

## ELECTROFIN™

ElectroFin is a dip coating process that guarantees edge coverage, uniform thickness and adhesion to metallic surfaces including aluminum, copper and steel (galvanized and stainless). Coating is resistant to fumes containing acids, alkalies, salts, sulfates, alcohols and other solvents.

## ELECTROPOLISH

Stainless steel can be electropolished or smoothed to improve corrosion resistance. The process brings the chromium, already present in the stainless steel, to the surface of the material. Unlike a plating process, an electropolish surface is permanent.

## PRE-COATED

In special cases, Super Radiator Coils can produce coils with pre-coated fin stock. Generally, coated fin stock is corrosion resistant (salt spray) and provides decorative features. Types of coated fin stock include silicone polyester, tin and hydrophilic.

## IRIDITE

Iridite is a protective chromate conversion film (yellow appearance) used for corrosion resistance. Iridite is also a good primer for painting.

## NICKEL PLATE

Nickel plating can be applied through an electrostatic (does not guarantee uniformity throughout coil) or electro-less (guarantees uniformity) process and is resistant to acids, alkalies, salts, seawater and chlorides. Nickel plating is more wear resistant than tin plating and has a bright, shiny appearance.

## TIN PLATE

Tin plating is similar to nickel plating and is used for corrosion resistance. It has a soft, dull finish with a less dense deposit than nickel.

## HOT DIP GALVANIZED

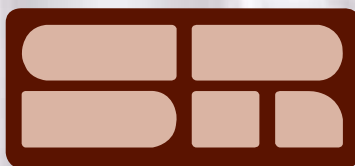
Hot dip galvanized is a zinc coil coating that is corrosion resistant to food acids (food industry application).

## EPOXY POWDER COATING

Epoxy powder coating can be applied to steel, copper, galvanized steel and aluminum. It is mostly used for aesthetic purposes as it can be applied in any color. This coating does have some corrosion resistance that is dependant on the particular brand of epoxy powder being used.

## SPECIAL

We are willing to try any special coating for your particular process...just ask one of our Sales Engineers. We have a number of partnerships with coating specialists who can meet your design needs.



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COILS™**

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