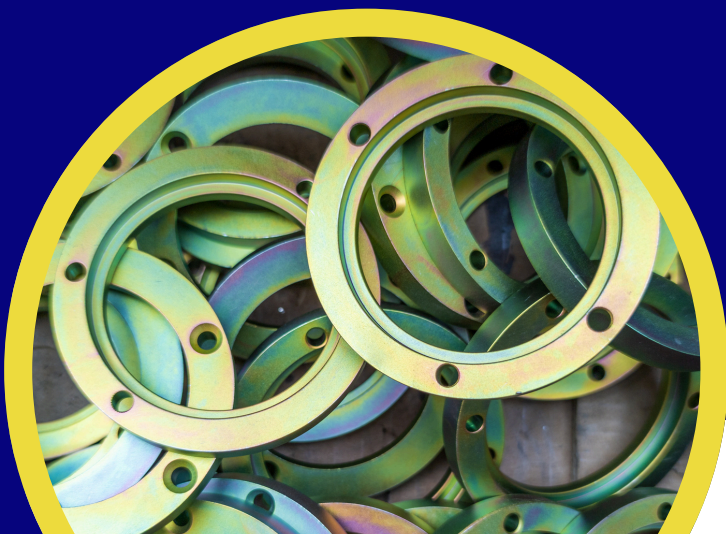




BRILLIANCE ZINC PROCESSES

Ronatec has a commitment to improve and refine current zinc processes as well as research and develop new ideas in zinc plating technology. We offer a complete line of Brilliance Zinc Processes, from non-blistering alkaline non-cyanide formulas to bright-leveled, easy to chromate chloride processes, to the latest in zinc-alloy chemistry. All of our zinc processes, when used in conjunction with the Ronacoat Protective System, provide a total zinc system that provides outstanding corrosion resistance, flexibility and economy.



RONATEC
icf SAK-CO TECH Inc. Metal X



BRILLIANCE ANC ZINC PROCESS

BRILLIANCE ANC are simple to use, alkaline non-cyanide zinc plating systems designed to produce brilliantly bright, lustrous deposits over a wide range of current densities at low operating costs. It is capable of plating bright, decorative work at temperatures up to 125° F+. Deposits are uniformly bright and readily accept trivalent passivate. Plate is blister-free and burn-free, even at high current densities and exhibit excellent adhesion characteristics. The baths have excellent low current density covering and throwing power and is especially good for rack plating parts with deep recesses such as tubular parts or computer chassis.

BRILLIANCE ANC processes operate over a wide zinc metal range of 0.75-3.5 opg and produces extremely ductile deposits even with thickness in excess of 1.25 mil. It works well in either rack or barrel operations. This technologically advanced formulation requires little control and is very tolerant to bath impurities.

BRILLIANCE KZ-AZ ZINC PROCESS

BRILLIANCE KZ-AZ are both an easy to use, high efficiency system that produces a brilliant, leveled and ductile deposit from either potassium/boric or potassium/ammonium electrolyte formulations. It provides a cleaner organic surface, thus plated deposits will accept passivates more readily than competitive processes. Deposits are whiter and brighter than competitive systems and provide surfaces that are highly receptive to most chromate dips as well as all hex-free passivation systems.

BRILLIANCE KZ-AZ are tolerant to high temperature operation and works well in either rack or barrel operations. This technologically advanced formulation requires little control and is very tolerant to a high concentration of dissolved iron, bath impurities and general abuse. It contains a ductilizing agent, making it ideal for plating heavier thickness. Deposits remain ductile so there is less chance of chipping, flaking or cracking. This process provides the most uniform deposit distribution available with excellent unsurpassed throwing power. They are free of complexing agents and has excellent rinsing characteristics for reduced drag-out and improved chromate/passivate receptivity. It is very low-foaming even with vigorous air agitation or evaporative recovery.

ZINCALLOY Ni-Z

This is an extremely reliable, production proven technology for depositing 12-15% zinc/nickel alloy coatings from an alkaline electrolyte. The system offers exceptionally high performance, is easy to use in production and provides exceptional corrosion protection, even after thermal shock at 250° F. Deposits are uniformly bright, burn-free and readily accept trivalent passivate. Deposits are also blister free and exhibit excellent adhesion characteristics. It offers excellent covering power and uniformity of plate distribution. It works well in either rack or barrel operations. This technologically advanced formulation requires little control and is very tolerant to bath impurities and general abuse.

ZINCALLOY Ni-Z is unusually easy to use and maintain. The uniform, low-cost deposit produced is ideal for a wide variety of applications. Combined with **RONACOAT PASSIVATES**, deposits can withstand up to 10 times the corrosion resistance of conventional zinc.

