



# ZINC TECHNOLOGY





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The use of zinc plating is rapidly increasing for rust protection and decorative applications, primarily due to escalation in cost of cadmium and nickel metals. It can also provide more uniform thickness, fill up difficult to plate holes or obliterate threads and conserve heating energy to a very great extent.

It is an ideal replacement for hot dip galvanizing where high precision is desired. Latest developments enable zinc alloy plating for extremely high corrosion resistance nearing to nickel and sometimes in conjunction with certain passivations even better than nickel.

### CYANIDE ZINC | ZINCBRITE

- Concentrate brightener system
- Operates at low dosage
- Superb brightening ability
- Suitable for vat and barrel operation

### ACID ZINC | ZINTHOBRITE / ZINCALITE

- Production proven brightener system with 'broad working' window
- Higher 'cloud point' ~ no 'oiling out'
- Facilitate high temperature operation
- Operates at lower dosage

### NON CYANIDE ZINC | ENVISION PLUS / GROVISION

- Production proven brightener system
- Eliminates cyanide in usage
- Excellent thickness distribution ~ almost 1:1 at all current density area

### HIGH SPEED ZINC | ZINCA HS

- Unique brightener system for high speed zinc sulphate plating process
- Operates at higher current density ~ up to 1000 Amp/sq. ft. is possible
- Suitable for continuous strips / wire plating

### ZINC ALLOY | ZINCALUME

- Complete package of zinc alloys ~ Zn-Co, Zn-Fe, Zn-Ni, Fe-Zn-Co, Sn-Zn
- Production proven brightener system
- Cyanide free system with ease of operation
- Excellent corrosion resistance
- Ultimate choice for longer service life of the components



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