

# ZINC

## ALDOKOTE 300-LM

A liquid concentrate that produces yellow to orange chromate conversion coatings on electroplated zinc, zinc-cobalt, zinc-iron and zinc-nickel. Salt spray tests on zinc deposits treated with Aldokote 300-LM solution have shown no white products corrosion after more than 300 hours of exposure.

## ALDOKOTE 300-P

A powder version of Aldokote 300-LM with similar advantages.

## ALDOKOTE NZP-L1 & L2

Aldokote NZP-L1 and L2 are formulated as a two-part liquid concentrates which when diluted with a requisite amount of water will produce a black chromate conversion coating with either a glossy or matte appearance. The process can be applied over electrodeposited coatings of zinc, and zinc base die-castings or hot dipped galvanized surfaces.

The conversion coating that is formed provides some protection toward retarding the formation of white corrosion products.

When properly applied, the complex-chromate film is chemically integrated with the treatment surface with no tendency to flake, chip, and peel or to powder. The coating serves as an excellent base for organic finishes.

The Aldokote NZP process can be applied to both rack plated or bulk-process plated surfaces.

## ALDOKOTE DC-70

A liquid chromate for use as a single-dip treatment to produce a bronze iridescent chromate coating over zinc base die casting. It can also be used for electrodeposited zinc and cadmium surfaces.

## ALDOKOTE DQ

A powder chromate for use as a single-dip treatment to produce a gray color chromate conversion coating over zinc plated surfaces. Will absorb water-soluble organic dyes producing deep, rich colors.

## ALDOKOTE OD

Produces olive to green colored chromate conversion coating on zinc deposits. The coating provides excellent corrosion resistance and absorbs organic dyes producing deep rich surfaces.

### **ALDOKOTE ODL**

A two-part liquid system for producing a maximum protection chromate coating on zinc and cadmium electrodeposited surfaces and zinc base die-castings. The coating exhibits a brownish-green color, and will also absorb water-soluble organic dyes.

### **ALDOKOTE OG**

A formulated powder for use as a single-dip chromate passivating treatment over zinc and cadmium surfaces producing greenish conversion coating.

### **ALDOKOTE VIB**

A formulated powder for use in producing multi-type conversion coatings on zinc and cadmium plated surfaces.

### **ALDOKOTE ZNI-L**

A formulated liquid for use as a single dip passivation treatment over zinc plated surfaces, producing films that are truly non-iridescent, white bright with freedom from varying shades of blue color. Where maximum brightness of deposit is desired, the Aldokote ZNI should be preceded by a nitric acid type bright dip. Coating will not absorb water-soluble dyes.

### **ALDOKOTE ZP-4**

A variable purpose powder chromate to produce bright clear coating to yellow, iridescent coatings on zinc plated surfaces. Aldokote ZP-4 can also be used to produce yellow iridescent coatings over cadmium plated surfaces, zinc base die-castings and galvanized steel.

### **ALDOKOTE ZP-4M**

A formulated variable purposed powder chromate to produce bright clear to yellow iridescent coatings on zinc plated surfaces, can also be used to produce yellow-iridescent coatings over cadmium plated surfaces, zinc base die castings and galvanized steel.

### **ALDOKOTE ZSD-1**

A low cost formulated powder for use as a single-dip chromate to produce a blue bright, clear coating over zinc plated surfaces. Excellent for producing pastel colors by water-soluble dye absorption.

### **ALDOKOTE ZSD-NA**

A formulated powder for use as a single-dip chromate to produce a blue bright, clear coating over zinc plated surfaces. Can be used without nitric acid additions, or with very slight nitric acid additions to prolong the life of the bath.

### **ALDOKOTE ZN-3**

Is a single-dip liquid chromate conversion formulation based on trivalent chromium salts. This acidic liquid when properly diluted with water will give working bath that can be used to produce a highly corrosion resistant, clear to slightly iridescent conversion coating on electroplated zinc surfaces.

### **ALDOKOTE TCL**

Trivalent chromium based, two parts, conversion coating to provide excellent absorption of organic dyes. The conversion coating produced over zinc surfaces gives 48-72 hours of neutral salt spray protection against white corrosion.

### **ALDOKOTE TCB**

Aldokote TCB is a single dip formulation based on the trivalent chromium salts, to produce a black conversion coating on electroplated zinc-iron/cobalt deposits. Under the optimum conditions of use the coating provides about 48-72 hours of neutral salt spray protection against white corrosion. Further protection can be achieved by using an appropriate corrosion protection enhancer. The working solution of Aldokote TCB is used at room temperature and is easy to maintain. The process is suitable for both rack and barrel operations.