

Condorcoat AL 13

Nanotechnological chrome free conversion coating

A) Introduction

CONDORCOAT AL 13 is a non-chromate, non -phosphate liquid coating chemical used to produce on aluminum and zinc alloys a clear, nearly colorless, chemical dried in place coating. The coating, when properly applied, has excellent paint bonding properties and affords under film protection.

B) Operatine Data

Concentration	0,5 ÷ 1,5 % in demi water for spray application 1,5 ÷ 3 % in demi water for dip application
Temperature	20 – 30 °C
Spray time	10 - 60 sec.
Immersion time	60 – 180 sec
Plants and equipment:	stainless steel

NOTE: If other than DI water is used, it will be necessari to adjust the control points..

C) Process sequence

- 1) Degreasing-etching
- 2) rinse
- 3) rinse in DI water
- 4) CONDORCOAT AL 13
- 5) Rinsing with DI water (not strictly necessary)
- 6) drying

The work is now ready to be painted

NOTE: after application of the CONDORCOAT AL 13 coating chemical treatment rinsing is not required.

It is raccomended when the processed material create areas where the solution could accumulate.

D) Surface preparation

The surface need to be degreased and etched.to eliminated soils and oxide.

Based on conditions of work and on results to achieve our technical representative will recommend the proper process sequence.

F) Maintenance of the bath

To keep the solution at the right working title it is enough to use the analysis kit and to follow the control methodology supplied together with the product. In case an automatic control is required we propose our dosing and measuring instrument CONDORCLEAN IC

G) Bath treatment

The product can be purified by our chemical physical plants, our CONDORDEPUR 800 series

