

Greencoat AL 2002

Nanotechnological conversion coating for aluminium and alloys

A) Introduction

GREENCOAT AL 2002 is a non-chromate, non -phosphate liquid coating chemical used to produce on aluminum and zinc alloys a clear, coloured, chemical dried in place coating.

The coating, when properly applied, has excellent paint bonding properties and affords under film protection.

B) Operatine Data

Concentration:	2 – 3% in demi water
Temperature	20 – 30 °C
Spray time	10 - 60 sec.
Immersion time	30 – 120 sec
Plants and equipment:	Stainless steel

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

C) Process sequence

- 1) Degreasing-etching
- 2) rinse
- 3) rinse in DI water
- 4) GREENCOAT AL 2002
- 5) drying

The work is now ready to be painted

NOTE: after application of the GREENCOAT AL 2002 coating chemical treatment rinsing is not required.

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.

E) Bath Parameters

The concentration ranges of GREENCOAT AL 2002 listed under section B1 are intended for the majority of line conditions. However, plant variables such as line speed, spray time and part length may require the control points to be changed. Our technical representative will assist in establishing the correct points for your situation.

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

