

Condorcoat EC940

Chrome free passivating product for coil coating

Physical-Chemical Properties

Physical State	: pale pink liquid
pH of the product	: 2 ± 0.5
Composition	: esafluotitanic, organic polymer and inhibitors

Characteristics

CONDORCOAT EC 940 is a liquid chromium free product designed to provide excellent adhesion and corrosion protection properties in multi-metal applications.

In continuous coil application, the wet film is dried on the metal surface, without additional rinsing, prior to painting. Only fresh solution is used, there is no replenishment requirement, and the coating quality is consistently maintained.

Bath make up

The CONDORCOAT EC 940 concentrate should always be thoroughly mixed prior to use, using acid resistant equipment.

Chemical Coater application

For each 100 liters of bath, add 25 to 100 liters of CONDORCOAT EC 940 under mixing to the deionized water.

Control Points (For Normal Operating Conditions):

Condorcoat EC 940 concentration	:from 10% to 50%
Condorcoat EC 940 conductivity	:from 19 to 32 mS (see analytical method)
Condorcoat EC 940 titration	:from 12 ml a 23 ml NaOH 0.1 for 10 ml of working bath (see analytical method)
Premix Temperature	:ambient

Spray and dip application

Use the product diluted in demi water at a concentration ranging from 15 to 50 g/l

Control of the deposit:

The correct deposit can be measured:

- Monitoring the wet deposit in line
- Calculating the average consumed product
- Measuring the Titanium deposit through XRay fluorescence or with ICP