

Cromcoat CR 640

Chromium VI and fluoride free passivating agent for galvanized coil

Physical chemical properties

Physical state	: green liquid
pH at 1%	: $2 \pm 0,5$
Chemical composition	: trivalent chromium salts, sequestering and wetting agents
Free of	: hexavalent chromium and fluorides
Chromium content	: $2,9 \div 3,1\%$

Typical applications

Cromocoat CR 640 is mainly used for the passivation of galvanized and alloy galvanized substrates. It guarantees a corrosion resistance higher than the usual market requests for temporary protection.

Cromcoat CR 640 can be used in spray and squeegee or chemcoater equipments.

Characteristics

Main characteristic of Cromcoat CR 640 is the total absence of exhalvent chromium and fluorides based compounds.

The product moreover is compatible with the main part of the fluids used in the skinpass step.

Application conditions

Concentration of use	20 ÷ 25%
Working temperature	from ambient to 40 °C max
Advised chromium coating:	15 ÷ 20 mg/m ²
Maximum deposit of chromium:	30 mg/m ²
Method of application:	rolls applicator, chemical coater
Material for equipment and tanks:	austenitic stainless steel, AISI 316L, PVC, PP, PVDF
Water quality:	conductivity below 300 μ S, chloride and sulphates below 20 ppm

Maintenance of the bath

In order to keep the solution at the correct working titre it is enough to follow the check methodology supplied together with the product. If an automatic control is required, we propose our measuring and dosing system Condorclean IC.