

Cromcoat CR 644

Chromium VI and fluoride free passivating agent

Physical chemical properties

Physical state	: green liquid
pH at 1%	: 3.2 ± 0,5
Chemical composition	: trivalent chromium salts, corrosion inhibitors
Free of	: hexavalent chromium and fluorides

Typical applications

Cromocoat CR 644 is a passivating agent suitable for galvanized and alloy galvanized substrates. It guarantees a corrosion resistance higher than the usual market requests for temporary protection.

Characteristics

Main characteristic of Cromcoat CR 644 is the total absence of exhaivalent chromium and fluorides based compounds.

Cromcoat CR 644 provides to the treated surfaces a high corrosion protection. The trivalent chromium coating could be applied from 20 to 40 mg/m², depending on the treated surface, the corrosion resistance requested by the customer.

Application conditions

Concentration of use	: 20 ÷ 30%
Working temperature	: from ambient to 40 °C max
Advised chromium coating	: 20 ÷ 40 mg/m ²
Material for equipment and tanks	: austenitic stainless steel, AISI 316L, PVC, PP, PVDF
Water quality	: conductivity below 30 µS, chloride and sulphates below 20 ppm

Maintenance of the bath

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