

Condorfos KZ 53

Physical Chemical data

Physical state : liquid
Chemical composition : mixture of zinc phosphates in acid chlorate aqueous solution

Typical application

Condorfos KZ 53 is a nickel free product used in micro crystalline zinc phosphatising, suitable for steel and galvanized steel treatment.

Working cycle advised

Before phosphatising with Condorfos KZ 53, pieces have to be treated by a degreasing with alkaline detergents and by on ACTIVATOR to obtain small and compact crystal.

After the treatment with Condorfos KZ 53 pieces must be rinsed with tap water, then with demi water and then dried. If required, the surface can be sealed with dry in place passivating solutions.

Condoroil Technical Department will recommend the suitable products.

Working paramethers

Condorfos KZ 53 has to be used in a aqueous solution, by immersion at the following operative conditions

Treatment time = from 2 to 3 minutes
Bath temperature = from 35 to 60°C

Condoroil technical assistance service will advise at the plant start up the optimal working parameters

Bath preparation

For each 100 lt of bath the following products have to be added

Condorfos KZ 53	Kg 5
Alkaline additive	Kg 0,52
Mix NA additive	Kg 0,035