

Passivating agent R 400

Chrome free passivating agent for copper and alloys

Physical chemical properties

Physical State	: Slightly acid liquid
pH at 1% Concentration	: 4
Chemical Composition	: Mixture of oxygenated solvents and passivating agents.
Free of	: Chromates

Typical applications

R 400 Passivating agent is a product used in order to prevent oxidation and the following tarnishing of copper and brass. This result can be reached without making any kind of deposition on metallic surface.

Characteristics

Product modifies the superficial structure of metal without any variation of colour and brightness and leaves unchanged the main characteristics, for example weldability and conductivity. Product is free of chromates and allows to obtain an higher resistance than a chromic treatment, furthermore this reaction is not influenced by the progressive ageing of bath. Tanks and equipments must be made by antiacid material or stainless steel.

Application conditions

Concentration	: 1 - 3%
Temperature	: 30 - 60° C
Plants	: spray, immersion or barrel