

Antitarnish-Cu-100



Passivation of Copper Surfaces

Antitarnish-Cu-100

Characteristics

Antitarnish-Cu-100 is a product for the passivation of copper surfaces. Antitarnish-Cu-100 creates a molecular layer on the copper surface and is removable by acidic treatment (acidic cleaning or etching).

Necessary Equipment

Bath tanks: Preferably PVC or PPH tanks.

Agitation equipment: workpieces and/or bath should be sufficiently agitated in order to reach a uniform passivation layer. Bath agitation can be performed by immersion pump.

Application

Antitarnish-Cu-100 is a concentrate which is diluted with demineralized water up to a ratio of 1:100.

Working conditions	
Bath temperature:	Room temperature (min.15 °C)
Process:	Immersion
Exposure time:	0.5 – 5.0 min
Agitation:	recommended
Filtration:	not necessary

Delivery form & bath setup

Antitarnish-Cu-100 is based on benzotriazole and delivered in 1-liter-bottles (item-no.: 6009001) and 10-liter-cans (item-no.: 6009010).

Safety instructions and disposal

For information on safety, please see the corresponding material safety data sheet. The valid accident prevention regulations and safety information must be observed.

The active ingredients of Antitarnish-Cu-100 can be absorbed by active carbon and burnt with it. Stir the spent passivation solution with 4g/l of active carbon for some hours at room temperature and filter this solution afterwards.

After neutralization the spent solution may be discharged into the site's sewage system. The instructions of the local water/sewage authorities must be observed in any case.