



## Wilaplat Base Metal Baths

### Cyanide Copper Bath

Article No. 3050400502

#### Description

Because of its excellent dispersion and adhesion properties, this alkaline copper bath is used as a pre copper plating bath, especially for base metals and even for tin or zinc alloys.

#### Application

The cyanide copper bath is for use in a conventional electroplating unit such as the WILAPLAT system.  
Preparation and Cleaning entails electrolytic degreasing and if required chemical activation.  
After the cyanide adhesion layer pre coppering another layer can be applied with the acid bright copper or bright nickel bath and this provides a general purpose base for metal electro-plating.

#### Operating Data

<b>Temperature</b>	18-25 °C
<b>Exposure Time</b>	5-15 minutes
<b>Voltage</b>	1.5-3 volts
<b>Current Density</b>	0.3-1.0A/dm <sup>2</sup>
<b>pH Value</b>	>12
<b>Movement</b>	Movement of electrolyte or work piece required
<b>Anodes</b>	Pure Copper
<b>Tank Material</b>	Glass, Porcelain, plastic (PE, PVC etc.)

#### Supply Form

Ready for use solution

#### Regeneration

Not worthwhile with smaller volumes

#### Warning!

Chemicals and materials used in electroplating techniques can be corrosive or poisonous. During use, storage, transportation and disposal the relevant guidelines must be observed.

For further information see the ECC Safety Data Sheets