



THE ESSENTIAL PART OF YOUR SOLUTION

WILAPLAT Gold Plating Baths

Pre-Plating Gold Bath

Article No. 3070100102 AC 3 SSF, highly acidic

Description

Firmly adhering, hard, tarnish-resistant gold deposits are characteristic features of this bath. In addition to the conventional metallizable materials, this bath is also suitable for the treatment of stainless steels. The highly acidic electrolyte also has an enhanced activation power.

Application

WILAPLAT AC Gold 3 Pre-Plating Bath is for use in conventional electro-plating units such the WILAPLATas System. The pH value can be adjusted as required with diluted sulphuric acid. A degreased surface is precondition for treatment.

Operating Data

Gold Content $3.0 \, \text{g/l}$ **Temperature** 20-30°C **Exposure Time** 10-25 minutes **Voltage** 3.0-4.0 volts 0.5-1.2 A/dm² **Current Density Deposition Rate** 16 mg/Amin pH Value 1.5-1.8 Movement Movement of electrolyte or work

pieces

Anodes Platinized titanium

Tank Material Glass, acid resistant plastic

Deposition Data

Density18.2 g/cm³Hardnessapprox. 110 HVLayer Thickness< 6 μm</th>

Supply Forms

Up to 60 I ready for use, then as make-up concentrate
Dissolve the make-up mix in half of the final volume and fill up. The
regeneration concentrate contains 100.0 g Au/I

Regeneration

After analysis, add regeneration concentrate as required.

General

For longer standing times, it may be necessary to rehomogenize the bath.

Warning!

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

For further information see the EEC Safety Data Sheets