



WILAPLAT Platinum Metals Group Baths

Galvatron Platinum Bath

Article No. 3110200302

Description

Galvatron Platinum Bath is used for decorative surface coating. It forms a greyish gloss-retentive and wear-resistant deposit. If pre-plating is carried out, particularly with the AC3 Pre-Plating [Adhesion Layer] Gold Bath (Article No. 3070100102), an excellent adhesive base is created. Even steels can be platinized with this process.

Application

Galvatron Platinum Bath is for use in a conventional electro-plating unit such as the WILAPLAT System. The pH value is the determinant for perfect deposition and so must be checked frequently and adjusted with ammonia as required.

Prior to the electro-plating procedure, the work pieces to be coated must be cleaned and degreased.

Operating Data

Platinum content	2.5g/l
Temperature	50-60 °C
Exposure Time	1-30 minutes
Power Supply	1.8-3.5 volts
Current Density	0.5-1.0A/dm ²
Precipitation	70mg/Ah
pH Value	8
Movement	Movement of electrolyte or work piece,
Anodes	Platinized titanium
Tank Material	Glass, plastic (PE, PVC etc.)

Supply Form

Ready for use

Regeneration

Regeneration based on bath analysis to determine platinum contents and pH value.

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