

WILAPLAT Coloured Gold Baths

Hard Bright Gilding Bath

Article No. 7790 with 1 g Au/l, Make-up Salt

Article No. 7791 with 1 g Au/l, Ready for Use

Description

These baths are cyanide electrolytes for the decorative gilding of non-ferrous metals and precious metal alloys which are of different alloy composition and therefore differing colour. The relatively thin plate layer is characterized by extreme hardness.

The spectrum of colourable materials (e.g. steels) can be considerably increased by pre-plating with Wilaplat AC 3 SSF Pre-Plating [Adhesion Layer] Gold Bath (Article No. 7770).

Bath Type (No.)	Colour
1000	Fine gold
1055	Yellow
2010	Pale yellow
2015	Reddish yellow
6005	Rosé
7500	Reddish

Application

WILAPLAT Hard Bright Gilding Baths are for use in conventional electroplating units such as the WILAPLAT-System. As a pre-condition the surface must be degreased.

Operating Data

Gold Content	1.0 g/l
Temperature	50-60°C
Exposure Time	20-30 seconds
Voltage	6-8 volts
Current Density	5-8 A/dm ²
Movement	Not required
Anodes	Stainless steel
Tank Material	Glass, plastic

Deposition Data

Hardness	130-180 HV
Layer Thickness	Max. 0.25µm
Deposition Rate	20mg/Amin

Supply Forms

Dissolve make-up salt in ¾ of final water volume and fill up.
Ready for use

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Regeneration

Not possible

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