



WILAPLAT Colour Gilding Baths

Savor Colour Gilding Baths

Article No. 3100100102 (1 N 14), 3100100202 (1 N 18), 3100100302 (3 N),
3100100402 (4 N), 3100100502 (5 N), 3100100602 (FF), 3100100702 (5N red)

Makeup Concentrate with 10 g Au/l,

Article No. 3100100101 (1 N 14), 3100100201 (1 N 18), 3100100301 (3 N),
3100100401 (4 N), 3100100501 (5 N), 3100100601 (FF), 3100100701 (5N red)

Description

These cyanide bearing electrolytes are used for decorative gilding with alloy deposits varying in composition and therefore colouring. The various gold shades comply with the Swiss NIHS Colour Standard.

As a rule non-ferrous metals and stainless steel should be pre-plated before gilding. The acidic Pre-plating Gold Bath AC3 SSF (Article No. 3070100102) is ideally suited for this.

Bath Type	Colour
FF	24 ct
1N 14	14 ct
2N 18	18 ct
3N	reddish yellow
4N	rosé
5N	red
5N red	deep red

Application

WILAPLAT Coloured Gold Baths are used in conventional electro-plating units such as the WILAPLAT System. Before coating the work pieces must be cleaned and degreased.

Operating Data

Gold Content	1.0 g/l
Temperature	50-60 °C
Exposure Time	20-30 seconds
Voltage	6-8 volts
Current Density	1.0-1.6 A/dm ²
Agitation	Not required
Anodes	Stainless steel
Tank Material	Glass, plastic

Deposition Data

Hardness	120-160 HV
Layer Thickness	Max. 0.25 µm
Deposition Rate	20 mg/Amin

Supply Forms

Make-up concentrate, 1:10 with water, fill up to final volume or ready for use

Regeneration

After bath analysis for gold and cyanide content, add Savor Regeneration Solution, containing 10 g Au/l as required.

Warning

Chemicals and materials used in electro-plating 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