

AURICOR 124-P

GOLD FLASH PLATING SOLUTIONS FOR BATH

Colour : **Yellow 24 kt**

Use : **Bath**

Colour coordinates : **L:85.5**

a:7.3

b:37.8

Product description

AURICOR 124-P is a powder form concentrated alkaline gold plating solution totally heavy metals free, suitable to deposit a layer of yellow gold with a color 24k.

Operating conditions

Parameter	Average suggested value
Deposition time	45 seconds
Temperature	50 °C
Voltage	4.0 V
Current density	2.0 A/dm ²
Cathodic efficiency	10 mg/Amin
Deposition speed	0.12 um/min
Anodes	Ti/Pt net or Stainless Steel
Agitation	Moderate
Ventilation	Necessary

Maintenance of plating bath

For small plating solution volumes (up to 10 litres) we suggest to use the bath without replenisher . For higher volumes we suggest to use the related replenisher composing the bath:

- **AURICOR 100RGL (1ml = 100 mg of gold)**,add 11ml every 100 Amin.
- **AURICOR 100BS**,add after analysis.
- **AURICOR 100SF**,add after analysis.
- **AURICOR 100RA**,add 5 ml every 100 Amin.

Safety Information

Please refer to the safety data sheets for any information regarding safety and disposal (MSDS).

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Preparation of the galvanic bath

In order to prepare 1 L of ready to use solution is necessary following the right steps :

1. Arrange the working tank switching on the ventilation and all the safety devices.
2. Add 500 ml of water
3. Under agitation add AURICOR 124-P and mix
4. Fill up to 1 L with tap water.
5. Set the right working temperature

Wait till the working temperature and start with plating operation.

Notes

Instructions indicated in Our Process technical data sheets are the result of attentive checks and have been written as a guideline. They represent the best of our knowledge and refer to a normal use of our products. Such products are guaranteed in their quality up to the delivery: we cannot guarantee for the correct use of them, as this action is not under our direct control (addition or correction to plating baths are made by customer's personnel). As a consequence, process instructions have not to be intended as a guarantee of the final result in the use of our products.

Products related

Cod.Articles	Description	Colour	Packaging
OR021205	AURICOR 124-P gold plating solution powder form	24Kt	1 NR
OR027301	AURICOR 100RGL gold replenisher liquid 100 g/l		1 L
OR027501	AURICOR 100SF make up salts		1-25 Kg
OR022710	AURICOR 100BS make up solution		1-25 L
OR020705	AURICOR 100RA Brightener additive		250 ml