

AURICOR 101N-250ML

GOLD FLASH PLATING SOLUTIONS FOR BATH

Colour : **Yellow 1N-14k**Use : **Bath**Colour coordinates : **L:91.0****a:0.4****b:34.5****Product description**

AURICOR 101N is an alkaline gold plating solution totally heavy metals free, suitable to deposit a layer of yellow gold with a color 1N-14k.

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 u/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 110RAG (1ml = 10 mg of silver)**,add after analysis.
- **AURICOR 110RCU (1ml = 10 mg of copper)**,add after analysis.
- **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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a:0.4

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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 1 bottle of AURICOR 101N-250ML .
3. Add 750 ml of demineralised water and mix
4. 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 |
|--------------|---|--------|-----------|
| OR026402 | AURICOR 101N-250ML gold plating solution concentrated | 1N-14 | 250 ml |
| OR027101 | AURICOR 110RAG silver replenisher | — | 1 L |
| OR027201 | AURICOR 110RCU copper replenisher | — | 1 L |
| 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 |