

### PLATINOR 104-250ML

PLATINUM FOR PLATING SOLUTION

Colour : **White platinum**

Use : **Bath**

Colour coordinates : **L:87.5**

**a:0.6**

**b:3.5**

#### Product description

PLATINOR 104-250ML is a concentrated plating process with incomparable quality and technical characteristics. The properties of the deposit make it the reference choice for all goldsmiths who aim to obtain a pure white platinum thickness deposit.

#### Operating conditions

Parameter	Average suggested value
Deposition time	180 seconds
Temperature	50 °C
Voltage	3.0 V
Current density	2 A/dm <sup>2</sup>
Cathodic efficiency	15 mg/Amin
Deposition speed	0.15 um/min
Anodes	Ti/Pt net
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:

- **PLATINOR 125RPL:** add 60 ml of **PLATINOR 125RPL** every 100 Amin.
- **PLATINOR 100RA:** add after analysis .
- **PLATINOR 100RW:** add after analysis.
- **PLATINOR 100SC:** add after analysis

#### 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 1 bottle of PLATINOR 104-250ML containing 4g/250ml
3. Add 750 ml of demineralised water and mix
4. Set the right working temperature
5. Wait till the working temperature and start with plating operation.

#### Products related

Cod.Articles	Description	Colour	Packaging
PT010101	PLATINOR 104-250ML concentrated platinum plating solution	White	4 g/250ml
PT010401	PLATINOR 125RPL platinum replenisher 25 g/L		1 L
PT011001	PLATINOR 125RPL-200ML platinum replenisher 5g/200ml		200 ml
PT011301	PLATINOR 100RA - Brightner		1 L
PT011401	PLATINOR 100RW - Wetting agent		1 L
PT011501	PLATINOR 100SC - Conducting salt		1 KG