

USER INSTRUCTIONS

RODINOR 120

RHODIUM FOR PLATING BATH

Colour : **White**Use : **Bath**Colour coordinates : **L:90.2****a:1.2****b:1.8**

Product description

RODINOR 120 easy to use, white and shiny rhodium plating concentrated characterised by a wide range of working conditions and high strength against pollution. Suitable for any use with white and shiny characteristics in line with the best rhodium plating on the market. RODINOR 120 is the ideal choice for quality rhodium plating without compromise.

Operating conditions

Parameter	Average suggested value
Deposition time	40 seconds
Temperature	40 °C
Voltage	4.0 V
Current density	4.0 A/dm ²
Cathodic efficiency	4 mg/Amin
Deposition speed	0.2 u/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:

- **RODINOR 125R**, add 8 ml every 100 Amin.
- **RODINOR 120RA**, 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 liter 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 RODINOR 120 containing 2g/100ml
3. Add 900 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
RH011301	RODINOR 120 concentrated rhodium for bath 2 g/100ml	White	100ml
RH011302	RODINOR 120 concentrated rhodium for bath 2 g/50ml	White	50ml
RH011401	RODINOR 125R Rhodium replenisher 5 g/100ml		100ml
RH011501	RODINOR 120RA Brightener additive for rhodium bath		1 L
RH012201	RODINOR 120RA Brightener additive for rhodium bath		100 ml