

USER INSTRUCTIONS

RODINOR 110

RHODIUM FOR PLATING BATH

Colour : **White**Use : **Bath**Colour coordinates : **L:90.5****a:1.1****b:1.6**

Product description

RODINOR 110 it's a new and exclusive formulation of white rhodium plating concentrate characterised by the use of innovative additives capable of giving a level of whiteness and shine never before achieved by any other rhodium plating on the market. Combined with advanced coating power, RODINOR 110 is the choice for anyone searching for top performance in white rhodium plating.

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 115R**, add 16 ml every 100 Amin.
- **RODINOR 110RA**, 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

RODINOR 110 is supplied in concentrated version 2g/200ml. 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 110 containing 2g/200ml
3. Add 800 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
RH010601	RODINOR 110 Concentrated rhodium for bath 2 g/200ml	White	200 ml
RH010701	RODINOR 115R Rhodium replenisher 5 g/200ml		200 ml
RH010801	RODINOR 110RA Brightener additive		1 L
RH010901	RODINOR 110RA Brightner additive		100 ml