

Metal deposits



Cudega pure 650

Highly levelled copper layers

Cudega pure 650 is an sulfuric acid copper process with high levelling properties and can be used on various substrates. Steel and zamac has to be cyanidic copper plated before. This process operates up to 35°C.



Properties and benefits

- Brilliant deposits
- High levelling
- Up to 35°C bath temperature

Application area

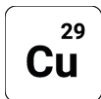
- Bijou
- Technical applications

Cudega pure 650_E

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Metal deposits



Technical Data

Electrolyte properties

Parameter	Range	Optimum
Copper sulfate	180 – 220 g/l	200 g/l
Copper	36 – 55 g/l	50 g/l
Sulfuric acid chem. pure Specific gravity = 1,84 g/cm ³	40 – 90 g/l	60 g/l
Sodium chloride	50 – 200 mg/l	100 mg/l
Chloride	30 – 120 mg/l	60 mg/l
Cudega pure 650 Base	2 – 5 ml/l	4 ml/l
Cudega pure 650 Leveller	0,3 – 0,6 ml/l	0,4 ml/l
Cudega pure 650 Brightener	Only for replenishment	
Temperature	18 - 35°C Higher temperature improves levelling Up to 35°C	
Current density	cath. 1 - 6 A/dm ² anod. 0,5 - 4 A/dm ²	
Voltage	2 - 8 Volt	

Deposit characteristics

Appearance..... copper

Products available

1248200	Copper sulfate
1454000	Sulfuric acid chem.pure
3034000	Cudega pure 650 Ready to use
3034100	Cudega pure 650 Base
3034200	Cudega pure 650 Leveller
3034300	Cudega pure 650 Brightener

FOR ANY FURTHER INFORMATION WE WILL BE PLEASED TO BE AT YOUR DISPOSAL
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