



Decorative Plating Electrolytes

our know-how is your success



Chemicals for the most demanding applications – developed by IWG

IWG stands for innovative electroplating chemistry and modern electrolytes for decorative and functional applications. In our in-house laboratories, we develop solutions that are used worldwide in jewellery, watchmaking, automotive, and electronics applications.

With more than 3,000 products – ranging from precious and non-precious metal electrolytes to numerous alloys – we are among the world's leading manufacturers. Through close collaboration with our customers, we continuously optimize our processes and baths and tailor them to individual needs.

As a responsible company, we are also RJC- and ISO-certified – a mark of the highest quality and sustainability standards.





Precious Metal Electrolytes for decorative Applications

To meet the diverse requirements of decorative coatings in the jewellery industry, fashion accessories, watchmaking, and high-end automotive interiors, IWG offers a comprehensive portfolio of high-performance precious metal electrolytes. Our products are specifically designed to ensure brilliant finishes, high durability, and reliable process stability across all relevant industries.

Whether Aurega® gold electrolytes, Arega® silver electrolytes, Rhodega® rhodium electrolytes, Ruthega® ruthenium electrolytes, Platega® platinum electrolytes, or Pallega® palladium electrolytes – our chemicals are available both as pure electrolytes and in a wide range of alloy variants. They enable decorative coatings in various colors, hardnesses, and thicknesses and can be precisely tailored to specific quality requirements.



Our Product Lines

Pure Elegance – Our Product Line *pure

Pure precious metal electrolytes developed and manufactured in our inhouse-laboratory. All our pure precious metal electrolytes are marked with the suffix "pure".



The best Mix – Our precious Metal Alloys *blend

Our alloy electrolytes meet multiple needs and are often a cost-effective alternative. All our alloys are marked with the suffix "blend".



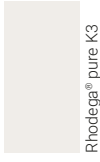
Colour Overview

Silver - Aurega® pure



Aurega pure 380

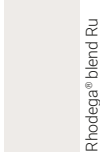
Rhodium - Rhodega® pure & blend



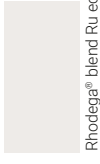
Rhodega® pure K3



Rhodega® pure XP



Rhodega® blend Ru



Rhodega® blend Ru eco



Rhodega® blend Pt

Palladium - Pallega® pure & blend



Pallega® pure HT



Pallega® pure EC



Pallega® pure FS

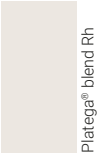


Pallega® blend Sn

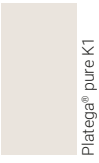


Pallega® blend Ni

Platinum - Platega® pure & blend



Platega® blend Rh



Platega® pure K1



Platega® pure GAM



Platega® pure S

Ruthenium - Ruthega® pure



Ruthega® pure HS 2 natur



Ruthega® pure N

Black Platinum Group Electrolytes



Ruthega® pure N black



Ruthega® pure HS 2 black



Ruthega® pure HS2/0

Pen Plating - White Tones



Rhodega® pure SE pen



Rhodega® blend Pt pen



Platega® pure pen



Pallega® pure pen



Rhodega® pure black 2 pen

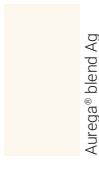


Ruthega® pure black pen

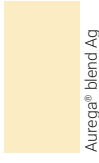


Ruthega® pure black 3 pen

Gold - Aurega® pure & blend



Aurega® blend Ag 3030



Aurega® blend Ag 3018



Aurega® pure 115



Aurega® pure 218 pale



Aurega® pure 218 S



Aurega® pure 218



Aurega® pure



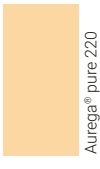
Aurega® pure 210 H



Aurega® pure 210 GM



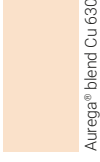
Aurega® pure 101



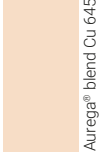
Aurega® pure 220



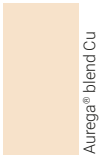
Aurega® blend Pd 9000



Aurega® blend Cu 650



Aurega® blend Cu 645



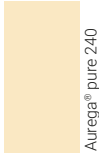
Aurega® blend Cu 118 CX

Aurega® blend Cu 114 CX

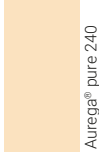
Gold - Aurega® 0N - 9N



Aurega® pure 240 KP



Aurega® pure 240 KP 0N



Aurega® pure 240 KP 1N



Aurega® pure 240 KP 2N



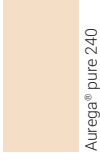
Aurega® pure 240 KP 3N



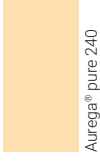
Aurega® pure 240 KP 4N



Aurega® pure 240 KP 5N



Aurega® pure 240 KP 6N



Aurega® pure 240 KP 9N

Pen Plating - Gold Tones



Aurega® pure 0N pen



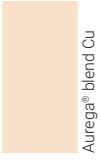
Aurega® pure 1N pen



Aurega® pure 2N pen



Aurega® pure R pen



Aurega® blend Cu rose 3 pen

Silver Electrolytes

Bright Silver

for brilliant decorative finishes

Aregra® silver electrolytes deliver maximum brightness, radiant brilliance, and flawless uniformity. They create decorative surfaces that immediately convey a sense of quality thanks to their clear, light-reflecting character — whether in jewellery, fashion accessories, watches, or high-end interior applications.

With their stable process parameters, outstanding colour stability, and excellent abrasion resistance, **Aregra®** electrolytes provide a reliable foundation for bright, elegant, and durable silver surfaces. For decorative coatings that capture light — and radiate quality.

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application
<p>Aregra® pure 380 Very white coating High layer thicknesses possible Easy bath control</p>	Brilliant white L* 98,8 a - 0,2 b 2,8	30,0 - 38,0 Ag	100 Ag	Aregra® pure 380 Brightener A Aregra® pure 380 Brightener B Potassium silver cyanide 54% Potassium carbonate Potassium cyanide	Rack Barrel Pen

Our recommendation
 For maximum durability, we recommend using **Aregra®** protect to protect the coating against tarnishing.



Rhodium Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Barrel
Rhodega® pure K3 Brilliant white deposit	white L* 91,3 a 1,0 b 3,0	1,0 - 4,0 Rh Optimum 2,0 Rh	100 Rh	Rhodega® pure K3, 2 g Rh/100 ml Rhodega® pure K3, 1 g Rh/50 ml Rhodega® pure K3 R, 5 g Rh/100 ml	■	Pen
Rhodega® pure XP Brilliant white, Slightly bluish deposit	white L* 91,4 a 1,1 b 3,1	1,0 - 4,0 Optimum 2,0 Rh	100 Rh	Rhodega® pure XP, 2 g Rh/100 ml Rhodega® pure XP, 1 g Rh/50 ml Rhodega® pure XP E, 4 g Rh/100 ml Rhodega® pure XP R, 5 g Rh/100 ml	■	
Rhodega® blend Ru Brightness comparable to pure rhodium Significant cost savings	white L* 90,3 a 0,8 b 2,7	1,4 - 1,8 Rh Optimum 1,6 Rh 0,3 - 0,5 Ru Optimum 0,4 Ru	75 Rh 25 Ru	Rhodega® blend Ru Ready to use Rhodega® blend Ru Make up 1:10 Rhodega® blend Ru Rhodium solution 40 g/l Rh Rhodega® blend Ru Ruthenium solution 50 g/l Ru Rhodega® blend Ru Wetting agent Rhodega® blend Ru Brightener	■	
Rhodega® blend Ru eco Lower drag-out losses due to reduced metal content	white L* 90,3 a 0,8 b 2,7	0,8 - 1,2 Rh Optimum 1,0 Rh 0,2 - 0,3 Ru Optimum 0,25 Ru	75 Rh 25 Ru	Rhodega® blend Ru Rhodium solution 40 g/l Rh Rhodega® blend Ru Ruthenium solution 50 g/l Ru Rhodega® blend Ru Wetting agent	■	
Rhodega® blend Pt Very bright deposit Significant cost savings compared to pure rhodium	white L* 90,0 a 0,8 b 4,1	0,8 - 1,2 Rh Optimum 1,0 Rh 0,8 - 1,2 Pt Optimum 1,0 Pt	60 Pt 40 Rh	Rhodega® blend Pt ready to use 1g/l Rh 1g/l Pt Rhodega® blend Pt 1g Rh 1g Pt/250ml	■	

Rhodium

for a flawless radiance

Rhodega® rhodium electrolytes are synonymous with exceptional reflectivity and maximum durability. They produce decorative finishes that, thanks to their cool, clear lustre and impressive hardness and tarnish resistance on silver, rank among the finest coatings in the premium segment – perfect for jewellery, watches, eyewear and accessories, or sophisticated interior design elements.

Our rhodium electrolytes deliver homogeneous, pore-free layers with excellent abrasion and corrosion resistance.



Rhodega® pure K3

Platinum Electrolytes

Platinum

for timeless elegance.

Platega® platinum electrolytes create surfaces of exceptional purity, notable brilliance, and outstanding durability. Platinum is regarded as one of the most exclusive precious metals – and this very standard is reflected in our electrolytes: decorative coatings that combine luxury, clarity, and technological precision.

Thanks to their excellent corrosion and wear resistance, **Platega®** electrolytes are ideally suited for premium applications in jewellery, watches, eyewear, writing instruments, fashion accessories, and sophisticated interior design. Stable process parameters ensure smooth, uniform layers with an elegance that is truly distinctive.

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application
Platega® blend Rh Bright white deposit Significant cost savings compared to pure rhodium	white L* 89,0 a 0,8 b 4,7	0,3 - 0,7 Rh Optimum 0,6 Rh 1,2 - 1,6 Pt Optimum 1,4 Pt	80 Pt 20 Rh	Platega® blend Platinum solution Platega® blend Rhodium solution Platega® blend Rh Brightener 1 Platega® blend Rh Brightener 2	Rack Barrel Pen
Platega® blend Rh eco Lower drag-out losses due to reduced metal content	white L* 89,0 a 0,8 b 4,7	0,3 - 0,4 Rh Optimum 0,3 Rh 0,6 - 0,8 Pt Optimum 0,7 Pt	80 Pt 20 Rh	Platega® blend Rh eco Platega® blend Rh Replenisher	
Platega® pure K1 Platinum bath with a wide operating range Low platinum content	white L* 87,5 a 0,9 b 5,4	1,5 - 3,0 Pt Optimum 2,0 Pt	100 Pt	Platega® pure K1	
Platega® pure GAM Particularly high layer thicknesses achievable	white L* 87,0 a 0,9 b 5,6	2,0 - 4,0 Pt	100 Pt	Platega® pure GAM Ready to use Platega® pure GAM Make up A, 25 g Pt/l Platega® pure GAM Make up B Platega® pure GAM Conductivity acid Platega® pure GAM Wetting agent	
Platega® pure S Enables very high deposition rates and thick coatings	white L* 87,5 a 1,5 b 5,5	2,0 Pt	100 Pt	Platega® pure S, 1EH/2gPt/100ml Platega® pure S Brightener	



Platega® pure K1



Platega® blend Rh

Palladium Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Barrel
Pallega® pure HT High-gloss pure palladium for thick coatings	silver-grey L* 86,97 a 0,88 b 5,30	5,0 - 11,0 Pd Optimum 10,0 Pd	100 Pd	Pallega® pure HT Make up 7:10 Pallega® pure HT Replenisher 1 + 2 Pallega® pure Wetting agent Pallega® pure Density correcting salt Pallega® Purification resin Pallega® pure HT Booster Pallega® Palladium solution 100	■	Pen
Pallega® pure EC Low palladium content and easy bath operation	silver-grey L* 87,46 a 0,85 b 4,94	1,0 - 6,0 Pd	100 Pd	Pallega® pure EC Make up 7:10 Pallega® pure EC Replenisher Pallega® pure EC Ready to use incl. 2 g/l Pd Pallega® pure EC Ready to use incl. 5 g/l Pd Pallega® pure EC Density correcting salt Pallega® pure Wetting agent Pallega® Purification resin Pallega® Palladium solution 100	■	
Pallega® pure FS Adhesion layer on Cu or Ni to protect against contamination in high-palladium electrolytes and as a diffusion barrier	silver-grey L* 85,69 a 0,96 b 5,82	1,5 - 2,0 Pd Optimum 2,0 Pd	100 Pd	Pallega® pure FS Make up 7:10 Pallega® pure FS Replenisher 1 + 2 Pallega® pure Wetting agent Pallega® pure Density correcting salt Pallega® Purification resin Pallega® Palladium solution 100	■	
Pallega® blend Sn Crack-free coatings up to 10 µm, Cost savings compared to pure palladium	white L* 82,37 a 1,02 b 6,61	5,0 - 7,0 Pd Optimum 6,0 Pd 3,5 - 4,5 Sn Optimum 4,0 Sn	75 Pd 25 Sn	Pallega® blend Sn Ready to use Pallega® blend Sn Make up 7:10 Pallega® blend Sn Replenisher 1 + 2 Pallega® blend Sn Wetting agent Pallega® blend Sn Density correcting salt Pallega® Palladium solution 100	■	
Pallega® blend Ni Resistant to nickel release, Cost savings compared to pure palladium	white L* 86,1 a 1,01 b 5,2	8,0 Pd 8,0 Ni	80 Pd 20 Ni	Pallega® blend Ni Ready to use Pallega® blend Ni Make up 7:10 Pallega® blend Ni Replenisher 1 + 2 Pallega® blend Ni Wetting agent Pallega® blend Ni Density correcting salt Pallega® Palladium solution 100	■	

Palladium

for refined clarity

Pallega® palladium electrolytes produce bright, uniform and extremely durable decorative finishes. With their elegant, neutral metallic tone, they are the ideal choice for applications in jewellery, watches, fashion accessories and high-quality writing instruments. Palladium offers impressive hardness, reliable corrosion resistance and excellent adhesion, and as a substitute for nickel, it is perfect for decorative coatings that combine lightness, quality and stability. Palladium alloy baths are excellent for reducing costs.



Ruthenium Electrolytes

Ruthenium

for striking depth

Ruthega® ruthenium electrolytes produce robust, uniform and decorative surfaces with a modern, technical look. Ruthenium offers impressive hardness, excellent abrasion resistance and remarkable chemical stability – making it ideal for jewellery, watches, writing instruments, eyewear, accessories and high-end interior applications.

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application
Ruthega® pure HS 2 natur Highly ductile deposit suitable for high layer thicknesses	grey L* 77,5 a 0,7 b 3,4	2,0 - 5,0 Ru Optimum 3,5 Ru	100 Ru	Ruthega® pure HS 2 Make up 3:5 Ruthega® pure HS 2 Ruthenium solution Ruthega® pure HS 2 Wetting agent Ruthega® pure HS 2 Density correcting salt	Rack Barrel Pen
Ruthega® pure N Neutral ruthenium electrolyte Direct plating on white bronze or nickel No dissolution of Cu, Ni, or Zn components	light grey L* 72,7 a 0,9 b 4,1	2,0 - 4,0 Ru Optimum 3,0 Ru	100 Ru	Ruthega® pure N Ready to use Ruthega® pure N Ruthenium solution Ruthega® pure N Density correcting salt	

Even darker
desired?

An intensely dark shade can be achieved using a blackening additive.

Further details on the next page →



Black Platinum Group Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Pen
Rhodega® pure black Consistently black shade with easy bath operation	black L* 64,5 a 0,8 b 3,0	1,0 - 4,0 Rh Optimum 2,0 Rh	100 Rh	Rhodega® pure black 4 g/100 ml Rhodega® pure black 2 g/50 ml Rhodega® pure black E 4 g/100 ml Rhodega® pure black E 2 g/50 ml Rhodega® pure black Blackening agent	▪	Pen
Ruthega® pure N black Neutral black ruthenium electrolyte	anthracite L* 62,5 a 0,4 b 3,2	2,0 - 4,0 Ru Optimum 2,0 Ru	100 Ru	Ruthega® pure N black Ready to use Ruthega® pure N Ruthenium solution Ruthega® pure N Blackening agent Ruthega® pure N Density correcting salt Ruthega® pure N black Wetting agent Ruthega® pure N Purification resin	▪	
Ruthega® pure HS 2 black Dark ruthenium deposit Colour adjustable by replenisher concentration	anthracite L* 65 a 0,5 b 3,5	2,0 - 5,0 Ru Optimum 3,5 Ru	100 Ru	Ruthega® pure HS 2 Make up 3:5 Ruthega® pure HS 2 Ruthenium solution Ruthega® pure HS 2 Replenisher Ruthega® pure HS 2 Wetting agent Ruthega® pure HS 2 Density correcting salt	▪	
Ruthega® pure HS 2/O Very dark ruthenium deposit Suitable for direct plating on palladium and palladium alloys	black L* 55,6 a 0,2 b 2,2	2,0 - 5,0 Ru Optimum 3,5 Ru	100 Ru	Ruthega® pure HS 2 Make up 3:5 Ruthega® pure HS 2 Ruthenium solution Ruthega® pure HS 2/O Replenisher Ruthega® pure HS 2 Wetting agent Ruthega® pure HS 2 Density correcting salt	▪	

Black Electrolytes

Deep black for exclusive designs

The black Platinum Group Electrolytes produce intense, deep-black finishes for jewellery, watches, eye-wear, accessories and interior design.

Black rhodium offers a consistently black colour and is easy to maintain. **Ruthega® pure N black** can be made darker with a blackening additive, whilst the colour of **Ruthega® pure HS 2 black** can be flexibly adjusted using the replenisher.



Gold Electrolytes

Gold

Versatility for decorative design

Aurega® gold electrolytes offer bespoke solutions for demanding decorative applications in jewellery, eyewear and high-end accessories. They combine brilliant colour palettes with reliable process control and cost-effectiveness – from classic yellow gold to modern pale and rose gold tones.

For cost-conscious applications requiring a high degree of design freedom, gold-silver alloys such as **Aurega® blend Ag** are particularly impressive due to their excellent ductility and significant cost savings compared to pure gold.



Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Barrel
Aurega® blend Ag 3030 High cost savings due to low gold content in the alloy, very ductile	yellowish white L* 96,6 a - 1,1 b 8,5	1,8 - 2,2 Au Optimum 2,0 Au 5,2 - 5,6 Ag Optimum 5,4 Ag	21 Au 79 Ag	Aurega® blend Ag 3030 Make up Part A Aurega® blend Ag 3030 Make up Part B Aurega® blend Ag 3030 Replenisher 1 Aurega® blend Ag 3030 Replenisher 2 Potassium gold cyanide 68,2%	■	Pen
Aurega® blend Ag 3018 18 ct gold-silver alloy with cost savings compared to pure gold	pale yellow-green L* 90,7 a - 3,05 b 27,24	6,0 - 10,0 Au Optimum 8,0 Au 2,0 - 3,0 Ag Optimum 2,5 Ag	75 Au 25 Ag	Aurega® blend Ag 3018 Replenisher Aurega® blend Ag 3018 Wetting agent Potassium gold cyanide 68,2%	■	
Aurega® pure 1115	pale gold L* 84,8 a 3,9 b 19,0	1,5 - 2,5 Au	Au Co	Aurega® pure 1115 Make up 7:10 Aurega® pure 1115 Replenisher 1 Aurega® pure 1115 Replenisher 2 Aurega® pure 1115 Density correcting salt Aurega® Gold solution 100 Aurega® Gold solution 200	■	
Aurega® pure 218 pale Pale colour tone Nickel- and cobalt-free Low metal content	pale gold L* 87,7 a 2,6 b 23,4	1,0 Au	Au Fe In	Aurega® pure 218 Make up 7:10 Aurega® pure 218 Replenisher 1 Aurega® pure 218 Replenisher 2 Aurega® pure 218 Iron solution Aurega® pure 218 Indium solution Aurega® pure 218 Density correcting salt Aurega® pure 218 pH-Correcting salt Potassium gold cyanide 68,2%	■	
Aurega® pure 218 S Pale colour tone (1-2N) Suitable for barrel plating nickel- and cobalt free	pale gold L* 85,5 a 4,9 b 26,3	1,0 - 4,0 Au Optimum 2,5 Au	Au Fe In	Aurega® pure 218 S Make up 7:10 Aurega® pure 218 S Replenisher 1 Aurega® pure 218 S Replenisher 2 Aurega® pure 218 Iron solution Aurega® pure 218 Indium solution Aurega® pure 218 S Density correcting salt Aurega® pure 218 pH-Correcting salt Potassium gold cyanide 68,2%	■	

Gold Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Pen
Aurega® pure 218 Pale colour tone (2N)	pale gold L* 86,3 a 5,1 b 28,0	1,0 - 4,0 Au Optimum 2,5 Au	Au Fe In	Aurega® pure 218 Make up 7:10 Aurega® pure 218 Replenisher 1 Aurega® pure 218 Replenisher 2 Aurega® pure 218 Iron solution Aurega® pure 218 Indium solution Aurega® pure 218 Density correcting salt Aurega® pure 218 pH-Correcting salt Potassium gold cyanide 68,2%	■	Barrel Pen
Aurega® pure High coating thicknesses achievable with high abrasion resistance	yellow gold L* 87,3 a 8,0 b 32,2	4,0 - 6,0 Au	Au Co	Aurega® pure Make up 3:5 Aurega® pure Make up solution Aurega® pure Ready to use Aurega® pure Replenisher Aurega® pure Density correcting salt Aurega® pure pH-Correcting salt Potassium gold cyanide 68,2%	■	■
Aurega® pure 210 H	yellow gold L* 87,2 a 7,3 b 33,5	1,0 - 2,0 Au Optimum 1,5 Au	Au Co	Aurega® Gold solution 100 Aurega® pure 210 H Make up 1:1 Aurega® pure 210 H Replenisher Aurega® pure 210 H Conductivity acid	■	■
Aurega® pure 210 GM 24 ct gold pH-neutral	yellow gold L* 83,5 a 7,8 b 35,2	1,8 - 2,2 Au Optimum 2,0 Au	100 Au	Aurega® pure 210 GM Make up 7:10 Aurega® pure 210 GM Make up solution Aurega® pure 210 GM Ready to use Aurega® pure 210 GM Replenisher Aurega® pure 210 GM Density correcting solution Potassium gold cyanide 68,2%	■	■
Aurega® pure 101 24 ct gold Suitable for electroforming, Extremely high coating thicknesses achievable	gold L* 89,21 a 8,49 b 38,36	4,0 - 8,0 Au Optimum 6,0 Au	100 Au	Aurega® pure 101 Make up 7:10 Aurega® pure 101 Make up salt Aurega® pure 101 Replenisher 1 Aurega® pure 101 Replenisher 2 Aurega® pure 101 Density correcting salt Potassium gold cyanide 68,2%	■	■

Elegance in pale gold tones

Aurega® pure 218 electrolytes represent elegant, subtle pale gold tones combined with high surface quality and allergen-free compositions – ideal for applications in direct skin contact.

Where robustness and durability are required, **Aurega® pure** electrolytes enable high coating thicknesses with excellent abrasion resistance, ensuring long-lasting, high-quality surfaces.



Aurega® pure 210 GM

Gold Electrolytes

Pure gold for the highest standards

For applications with the highest purity requirements, 24-carat gold electrolytes are used, featuring pH-neutral processes and – depending on the system – suitability for electroforming.

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Barrel
Aurega® pure 220 Allergen-free High coating thicknesses achievable	gold L* 85,2 a 9,8 b 35,6	4,0 - 12,0 Au	99,6 Au 0,4 Fe	Aurega® pure 220 Make up 3:5 Aurega® pure 220 Replenisher Aurega® pure 220 Iron solution Aurega® pure 220 Density correcting salt Potassium gold cyanide 68,2%	<input checked="" type="checkbox"/>	<input type="checkbox"/> Pen
Aurega® blend Pd 9000 Colour stability up to 250 °C Excellent corrosion resistance Allergen-free	pale gold L* 82,8 a 5,5 b 16,5	3,0 - 5,0 Au Optimum 4,5Au 1,5 - 2,5 Pd Optimum 2,0 Pd	Au Pd	Aurega® blend Pd 9000 Make up 3:5 Aurega® blend Pd 9000 Replenisher 1 Aurega® blend Pd 9000 Replenisher 2 Aurega® blend Pd Buffer salt Aurega® blend Pd 9000 Purification resin Aurega® Gold solution 9000 Aurega® Palladium solution 9000 Ammonsulphite purified	<input checked="" type="checkbox"/>	
Aurega® blend Cu 630 4-5N rose gold Neutral electrolyte free of cyanide Good colour stability	rosé intense L* 88,2 a 8,8 b 14,7	2,8 - 5,5 Au Optimum 3,0 Au 1,0 - 3,5 Cu Optimum 1,7 Cu	75 - 92 Au 25 - 8 Cu	Aurega® blend Cu 630 Make up 9:10 Aurega® blend Cu 630 Wetting agent Aurega® blend Cu 630 Replenisher 1 Aurega® blend Cu 630 Replenisher 2 Aurega® blend Cu 630 Density correcting solution Potassium gold cyanide 68,2%	<input checked="" type="checkbox"/>	
Aurega® blend Cu 645 4-5N rose gold Neutral electrolyte free of cyanide Good colour stability Glossy deposit with coating thicknesses of up to 10 µm	rosé intense L* 86,5 a 9,6 b 14,5	3,0 - 5,0 Au Optimum 4,0 Au 2,5 - 3,5 Cu Optimum 3,0 Cu	70 - 80 Au 30 - 20 Cu	Aurega® blend Cu 645 Make up 1:1 Aurega® blend Cu 645 Wetting agent Aurega® blend Cu 645 Replenisher 1 Aurega® blend Cu 645 Replenisher 2 Potassium gold cyanide 68,2%	<input checked="" type="checkbox"/>	



Aurega® pure 220

Gold Electrolytes

Product Name and Keyfacts		Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
Aurega® blend Cu 118 CX Corrosion-resistant 18-carat gold coatings Colour 4N High coating thicknesses achievable		colour 4N L* 88 a 6 b 16	4,0 - 6,0 Au Optimum 5,0 Au	75 Au 20 Cu 5 In	Aurega® blend Cu 118 CX Make up Aurega® blend Cu 118 CX Make up 2 Aurega® blend Cu 118 CX Brightener 1 Aurega® blend Cu 118 CX Brightener 2 Aurega® blend Cu 118 CX Wetting agent Aurega® blend Cu 118 CX Density correcting salt Aurega® blend Cu 118 CX Complexer IWG Copper solution No.42 IWG Indium solution No.76 IWG Zinc solution No.55 IWG Zinc salt No.50	Rack Barrel Pen	
Aurega® blend Cu 114 CX Corrosion-resistant 14-carat gold coatings Colour 1N Significant cost savings due to low gold content High coating thicknesses achievable		colour 1N L* 90 a 5 b 16	3,0 - 5,0 Au Optimum 4,0 Au 2,5 - 3,5 Cu Optimum 3,0 Cu	58 Au 35 Cu 7 In	Aurega® blend Cu 114 CX Make up Aurega® blend Cu 114 CX Make up 2 Aurega® blend Cu 114 CX Brightener 1 Aurega® blend Cu 114 CX Brightener 2 Aurega® blend Cu 114 CX Wetting agent Aurega® blend Cu 114 CX Density correcting salt Aurega® blend Cu 114 CX Complexer IWG Copper solution No.42 IWG Indium solution No.76 IWG Zinc solution No.55 IWG Zinc salt No.50	Rack Barrel Pen	

Colours with character

Rose gold electrolytes based on copper create fashionable accents, impressing with warm 4-5N colour tones, good colour stability, and a neutral, cyanide-free electrolyte chemistry. The portfolio is further complemented by specialized alloy systems offering outstanding corrosion resistance and colour stability – even under thermal stress.

Aurega® stands for decorative gold coatings that combine design, wearing comfort, and cost efficiency in perfect balance.



Aurega® blend Cu 645

Gold 0N-9N Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application
Aurega® pure 240 KP Easy application Consistent colour tone	green-yellow L* 91,0 a 6,1 b 38,1	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP Make up salt Aurega® pure 240 KP Make up salt, incl. 1 g Au/25g Aurega® pure 240 KP Ready to use, incl. 1 g/l Au Aurega® pure 240 KP Replenisher Aurega® pure 240 KP Ready to use, without gold Potassium gold cyanide 68,2%	Rack Barrel Pen
Aurega® pure 240 KP 0N Easy application Consistent colour tone	green-yellow L* 90,8 a -0,6 b 26,1	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 0N Make up Aurega® pure 240 KP 0N Make up conc. incl. 1 g Au/100ml Aurega® pure 240 KP 0N Ready to use incl. 1 g/l Au	
Aurega® pure 240 KP 1N Easy application Consistent colour tone	pale yellow L* 89,1 a 5,1 b 24,2	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 1N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 1N Make up conc. incl. 1 g Au/100ml	
Aurega® pure 240 KP 2N Easy application Consistent colour tone	L* 87,6 a 5,7 b 22,0	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 2N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 2N Make up conc. incl. 1 g Au/100ml	
Aurega® pure 240 KP 3N Easy application Consistent colour tone	L* 87,0 a 5,1 b 17,5	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 3N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 3N Make up conc. incl. 1 g Au/100ml	
Aurega® pure 240 KP 4N Easy application Consistent colour tone	L* 86,8 a 7,0 b 17,1	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 4N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 4N Make up conc. incl. 1 g Au/100ml	

Gold

Gold tones from 0N to 9N – maximum of colour options

Aurega® Gold electrolytes cover the entire colour spectrum from 0N to 9N – ranging from subtle, very pale gold shades to rich, warm yellow tones. This allows individual design concepts to be realised with precision and perfectly tailored to current trends or classic requirements.



Gold 0N-9N Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Barrel
Aurega® pure 240 KP 5N Easy application Consistent colour tone	L* 86,6 a 8,5 b 15,9	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 5N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 5N Make up conc. incl. 1 g Au/100ml	■	Pen
Aurega® pure 240 KP 6N Easy application Consistent colour tone	L* 86,4 a 7,2 b 15,4	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 6N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 6N Make up conc. incl. 1 g Au/100ml Aurega® pure 240 KP 6N Make up conc. 1EH=100ml	■	
Aurega® pure 240 KP 9N Easy application Consistent colour tone	L* 88,6 a 6,4 b 32,6	0,9 - 1,0 Au Optimum 1,0 Au		Aurega® pure 240 KP 9N Ready to use, incl. 1 g/l Au Aurega® pure 240 KP 9N Make up conc. incl. 1 g Au/100ml	■	

**Brilliant colours.
Reliable quality.**

Brilliant colour fidelity, uniform deposition and high process stability ensure premium surfaces for jewellery, eyewear and accessories. Whether a modern understated look or an expressive gold finish – with **Aurega®**, decorative gold layers are created that impress through aesthetics, durability and quality.



Pen Plating Electrolytes

White Tones

Precision down to the last detail

IWG's pen-plating electrolytes enable high-precision metal deposition exactly where it is needed. Ideal for repairs, reworking, partial plating and decorative accents, they offer excellent control, high process reliability and a brilliant surface finish.



Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application	
					Rack	Pen
Rhodega® pure 5E pen White rhodium for pen plating	white L* 89,5 a 3,2 b 0,9	20,0 Rh	100 Rh	Rhodega® pure 5E pen 2 g Rh/100 ml Rhodega® pure 5E pen 1 g Rh/50 ml		■
Rhodega® blend Pt pen Rhodium-platinum alloy for pen plating	white L* 86,5 a 1,1 b 5,3	12,0 Rh 4,0 Pt	50 Rh 50 Pt	Rhodega® blend Pt pen		■
Platega® pure pen Platinum for pen plating	white L* 85,5 a 0,9 b 5,5	20,0 Pt	100 Pt	Platega® pure pen 2 g Pt/100 ml Platega® pure pen 1 g Pt/50 ml		■
Pallega® pure pen Palladium for pen plating	white L* 83,4 a 1,4 b 5,6	50 Pd	100 Pd	Pallega® pure pen 5g Pd/100ml Pallega® pure pen 2,5g Pd/50ml		■
Rhodega® pure black 2 pen Black rhodium for pen plating High current efficiency	black L* 58 a -1,6 b -0,2	64,0 Rh	100 Rh	Rhodega® pure black 2 pen 6,4 g Rh/100 ml Rhodega® pure black 2 pen 3,2 g Rh/50 ml		■
Ruthega® pure black pen Black ruthenium for pen plating	black L* 57,5 a 0,6 b 2,1	20,0 Ru	100 Ru	Ruthega® pure black pen 2 g Ru/100 ml Ruthega® pure black pen 1 g Ru/50 ml		■
Rhodega® pure black 3 pen Black rhodium for pen plating Low metal content Extra-dark deposition	black L* 50,0 a 1,4 b -0,5	20,0 Rh	100 Rh	Rhodega® pure black 3 pen 2 g Rh/100 ml Rhodega® pure black 3 pen 1 g Rh/50 ml		■

Pen Plating Electrolytes

Product Name and Keyfacts	Colour of the deposit	Metal content g/l	Metal content in the deposit wt. %	Available Products	Application		
					Rack	Barrel	Pen
Aurega® pure 0N pen Gold for pen plating Colour 0N	pale gold L* 88,52 a 0,48 b 20,01	5,0 Au	100 Au	Aurega® pure 0N pen 0,5 g Au/100 ml			■
Aurega® pure 1N pen Gold for pen plating Colour 1N	pale gold L* 88,25 a 3,56 b 26,87	10,0 Au	100 Au	Aurega® pure 1N pen 1 g Au/100 ml			■
Aurega® pure 2N pen Gold for pen plating Colour 2N	gold L* 86,94 a 4,41 b 28,11	20,0 Au	100 Au	Aurega® pure 2N pen 2 g Au/100 ml			■
Aurega® pure R pen Gold for pen plating Colour 3N	gold L* 88,75 a 6,21 b 35,98	40,0 Au	100 Au	Aurega® pure R pen, 4 g Au/100 ml			■
Aurega® blend Cu rose 3 pen Gold-copper solution for pen plating Colour 4-5N	rosé L* 87,55 a 9,50 b 13,38	1,6 Au	Au Cu	Aurega® blend Cu rose 3 pen 0,16 g Au/100 ml			■

Gold Tones

Reliable results in the smallest of spaces

Aurega® pen-plating electrolytes are available in concentrations ranging from 0N to 9N and produce uniform, well-adhered coatings of high visual quality – even on the smallest surfaces or complex geometries. Their ease of use and reproducible results make them an efficient solution for workshops, manufacturing facilities and mass-production environments.





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