



General Catalogue



professional plating solutions & machinery



BERKEM®

excellence in plating

Berkem Srl is the only Italian chemical company specializing in electroplating that designs, develops, produces and commercializes a wide range of innovative, performing and reliable galvanic products and machinery for the goldsmith, fashion, medical and applied engineering industry.

The effectiveness and quality of Berkem formulations are guaranteed by:

- in-house production of all solutions;
- check and control of all process phases;
- use of metal sponges, sheets and ingots of the highest purity as raw materials;
- full process customization.

LABORATORY ANALYSES & TEST SERVICE

Berkem has two in-house specialized and technologically-advanced analytical laboratories dedicated to research and development of new processes, production quality control and customer technical assistance.

Efficient quality control processes according to strict analytical standards, combined with continuous investment in Research & Development and improvement of the supply chain are crucial in order to allow us ensuring the marketing of repeatable products also expanding and improving our quality products offer.

Berkem offers an accurate analysis service for any galvanic process and any verification need on its deposits.

Berkem's laboratories allow performing the following chemical analyses and laboratory tests:

- chemical analysis of metals in solution by means of plasma optical emission spectroscopy (ICP-OES);
- spectroscopic analysis by X-ray fluorescence (XRF);
- chemical analysis of substances by UV-VIS spectrophotometry;
- photometric analysis of colour;
- resistance analysis of galvanic deposits;
- infrared spectroscopic analysis (FTIR);
- volumetric, conductometric, potentiometric and pH chemical analyses;
- electrochemical analysis of galvanic deposits;
- cyclic voltammetry analysis.

CUSTOMIZATIONS

Berkem transforms flexibility, creativity and knowledge into the maximum customization of product and service by meeting the needs of individual customers and materializing in the research and production of exclusive products.

Interaction with the customer creates the necessary involvement that materializes into excellent products for both parties. Berkem offers customization service for all galvanic processes in order to guarantee its client unique finishes, distinctive colours and alloy deposits suitable for use.

RESEARCH & DEVELOPMENT

Thanks to Research & Development and the cutting-edge production technology, Berkem transforms the experience gained in 10 years of activity on the market into actual successful opportunities for its customers.

Berkem Research&Development is the set of forward-looking activities focused on:

- increasing knowledge;
- making innovation available;
- improving existing products and create new ones;
- making production processes more efficient.

The significant collaborations with research institutes and Universities focused on research projects and tests on new formulations and technologies, and the growing destination of corporate investments in laboratory instruments and production technology allow Berkem to strengthen its skills with a view to continuous improvement.

The innovative technologies are considered essential for production efficiency and the quality of the final product, but the role of individuals at any level of the internal process remains the cornerstone of the corporate strategy that incentivizes teamwork, training and value of people.

THE QUALITY SYSTEM CERTIFICATION

Quality is the priority objective and reference for all business functions in the everyday routine of their work: from choosing raw materials, to the reliability of the machinery and the entire production process, to the tests and meticulous checks of each processing stage. Customer satisfaction is the nourishment of the efforts, and the certifications obtained are the proof of investments made to ensure the practicality of the work.

The compliance with international standards and its constant verification guarantee our reliability.



Berkem's commitment to act in a responsible and sustainable way results in certified processes for ethics, quality (UNI EN ISO 9001:2015), respect for the environment (UNI EN ISO 14001:20015), health and safety in the work environment (UNI EN ISO 45001:2023).

This effort is the testament to the effective will to:

- provide products that meet customer requirements;
- increase the customer satisfaction respecting the service;
- reduce the environmental impact of the production process;
- protect the health, safety and welfare of their employees.



ETHICS & SUSTAINABILITY



Berkem has an ethical and sustainable business idea, namely capable of creating economic value without compromising the resources of future generations, and for this purpose is committed to look for the best solutions on a daily basis in compliance with various interests and in particular with the value of human life, man and respect for the environment. Working towards a responsible business is a decision that must be made by each person aware and involved. Cooperating with those who share a common environmental protection project is a fundamental step to make the most of the investment launched in process improvement and technological renewal.

This commitment is highlighted by the international environmental and safety certifications UNI EN ISO 14001:2015 and 45001:2018 obtained and focused on showing an eco-friendly production which favors low environmental impact.



In 2019 Berkem became a certified member of the Responsible Jewellery Council, an international non-profit Organization that brings together companies operating in the jewellery sector focused on building a responsible supply chain for diamonds, gold, coloured stones, silver and platinum "from the mine to the consumer". The RJC has finalized a reference standard for the industry, RJC Code of Practices, based on established international principles in order to promote responsible business standards and practices.



In December 2022, Berkem obtained the RJC Chain of Custody (CoC) certification. This is a voluntary certification for RJC members and gives our customers and suppliers the assurance they need about how precious metals are purchased, tracked and processed through the supply chain. It provides a guarantee of the integrity of our products and materials.

Berkem offers a special line of precious plating solutions, salts and precious compounds obtained from 100% recycled and RJC CoC compliant metals.

REDUCE REUSE RECYCLE

Berkem pays the utmost attention to every detail when choosing its packaging by seeking solutions capable of best preserving all products and minimizing environmental impact by complying with regulations and its commitment to sustainable production.



**HIGH QUALITY MATERIALS
FOR GREATER CHEMICAL
AND MECHANICAL RESISTANCE**



ANTI-TAMPER SAFETY SEAL



**SINGLE TYPE OF MATERIAL (PP)
FOR LABELS, LIDS, BOTTLES, TUBS
AND CANS TO FACILITATE DISPOSAL**



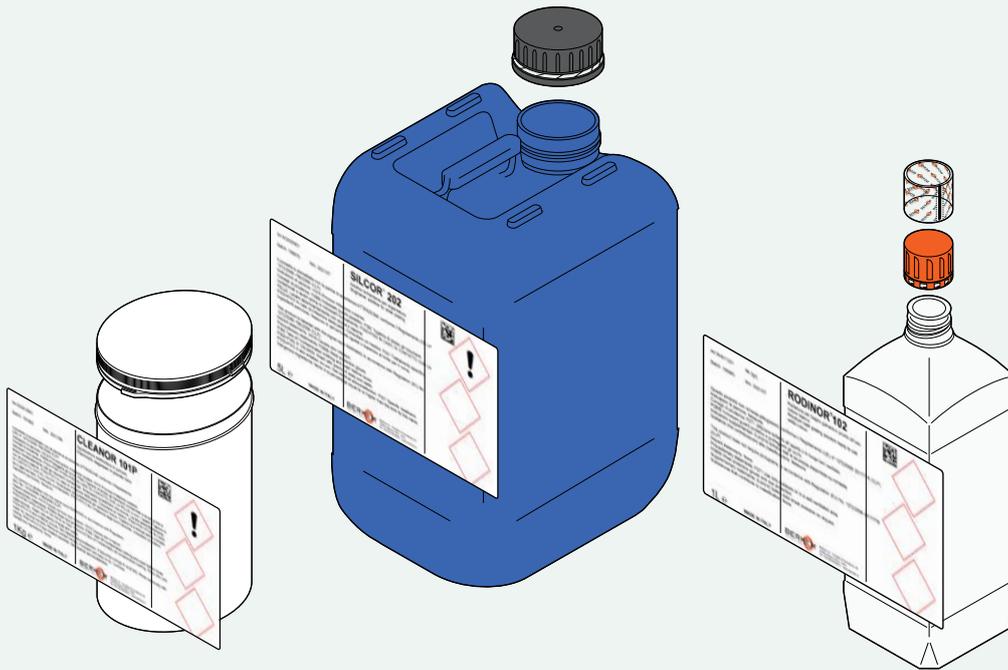
**CERTIFIED PACKAGING
FOR MAXIMUM SAFETY
WHERE REQUIRED BY LAW**



LARGE LABEL FOR EASIER READING



INNOVATIVE DESIGN



How to read symbols

AU

metal name



bath plating



decorative solution



pen plating



thickness solution



SALTS & PRECIOUS COMPOUNDS

Berkem produces in-house all salts and precious compounds, that are obtained exclusively from selected metal sponges and analytical grade reagents, thus enabling it

to guarantee the high quality and purity level for achieving optimal performances.

Au

GOLD

		formula	concentration	packaging	code
AURICOR 1683RGS	potassium gold (I) cyanide	$\text{KAu}(\text{CN})_2$	Au: 68.3 %	100 g	OR02000701
AURICOR 258RGS	potassium gold (III) cyanide	$\text{KAu}(\text{CN})_4$	Au: 58 %	100 g	OR01003501
AURICOR 100ASL	triammonium gold (I) disulphite	$(\text{NH}_4)_3\text{Au}(\text{SO}_3)_2$	Au: 100 g/l	1 L	OR02011401
AURICOR 100PSL	potassium gold (I) sulphite	$\text{K}_3\text{Au}(\text{SO}_3)_2$	Au: 100 g/l	1 L	OR02011501
AURICOR 100SSL	sodium gold(I) sulphite	$\text{Na}_3\text{Au}(\text{SO}_3)_2$	Au: 100 g/l	1 L	OR02011601
AURICOR 200CL	tetrachloroauric (III) acid	HAuCl_4	Au: 200 g/l	1 L	OR02011701

Rh

RHODIUM

		formula	concentration	packaging	code
RODINOR 100S	rhodium (III) sulphate	$\text{Rh}_2(\text{SO}_4)_3$	Rh: 100 g/l	1 L - 100 g	RH01001701
RODINOR 100P	rhodium (II) phosphate	RhPO_4	Rh: 100 g/l	1 L - 100 g	RH01001801

Pd

PALLADIUM

		formula	concentration	packaging	code
PALLADOR 100CL	tetrachloropalladous (II) acid	H_2PdCl_4	Pd: 100 g/l	1 L	PD01006101
PALLADOR 100SL	palladium (II) sulphate solution	PdSO_4	Pd: 100 g/l	1 L	PD01005901
PALLADOR 100NL	palladium (II) nitrate	$\text{Pd}(\text{NO}_3)_2$	Pd: 100 g/l	1 L	PD01006001
PALLADOR 100SGS	diammine palladium (II) chloride	$\text{Pd}(\text{NH}_3)_2\text{Cl}_2$	Pd: 50 %	100 g Pd	PD01006401
PALLADOR 150DDL	dinitritediammine palladium (II)	$\text{Pd}(\text{NH}_3)_2(\text{NO}_2)_2$	Pd: 150 g/l	1 L	PD01006301
PALLADOR 100DTL	tetrammine palladium (II) chloride solution	$[\text{Pd}(\text{NH}_3)_4]\text{Cl}_2$	Pd: 100 g/l	1 L	PD01006201
PALLADOR 100DTS	tetrammine palladium (II) chloride	$\text{Pd}(\text{NH}_3)_4\text{Cl}_2 \cdot 1\text{H}_2\text{O}$	Pd: 39-43 %	100 g Pd	PD01006601
PALLADOR 100TSS	tetrammine palladium (II) sulphate	$\text{Pd}(\text{NH}_3)_4\text{SO}_4$	Pd: 38-40 %	100 g Pd	PD01006501
PALLADOR 50TSL	tetrammine palladium (II) sulphate solution	$[\text{Pd}(\text{NH}_3)_4]\text{SO}_4$	Pd: 50 g/l	1 L	PD01007301

Pt

PLATINUM

		formula	concentration	packaging	code
PLATINOR 50DNS	hydrogen dinitrosulphato platinate (II)	$\text{H}_2[\text{Pt}(\text{NO}_2)_2\text{SO}_4]$	Pt: 50 g/l	1 L	PT01002201
PLATINOR 100ACP	hexachloroplatinic (IV) acid	H_2PtCl_6	Pt: 100 g/l	1 L	PT01000501
PLATINOR 100DDN	diammine dinitrite platinum (II)	$\text{Pt}(\text{NH}_3)_2(\text{NO}_2)_2$	Pt: 50-60 %	100 g Pt	PT01000601
PLATINOR 100TCL	tetrammine platinum (II) chloride	$[\text{Pt}_2(\text{NH}_3)_4]\text{Cl}_2$	Pt: 100 g/l	1 L	PT01000801
PLATINOR 100SEP	sodium hexachloroplatinate (IV)	Na_2PtCl_6	Pt: 100 g/l	1 L	PT01000701
PLATINOR 100SGS	diammonium exachloro platinate (IV)	$(\text{NH}_4)_2\text{PtCl}_6$	Pt: 43 %	100 g Pt	PT01002301
PLATINOR 100TDN	tetrammine dinitrite platinum (II)	$\text{Pt}(\text{NH}_3)_4(\text{NO}_2)_2$	Pt: 100 g/l	1 L	PT01002401
PLATINOR 100PEP	potassium hexachloroplatinate (IV)	K_2PtCl_6	Pt: 100 g/l	1 L	PT01000901

Ru

RUTHENIUM

		formula	concentration	packaging	code
RUTENOR 100CL	ruthenium (III) trichloride	RuCl_3	Ru: 200 g/l	1 L	RU01002601
RUTENOR 100CLS	ruthenium (II) trichloride solution	RuCl_3	Ru: 40 %	100 g Ru	RU01003201
RUTENOR 50S	triammonium, diaquaooctachloro-μ-nitridodiruthenate (IV)	$(\text{NH}_4)_3[\text{Ru}_2\text{NCl}_8(\text{H}_2\text{O})_2]$	Ru: 50 g/l	1 L	RU01001601

Ag

SILVER

		formula	concentration	packaging	code
SILCOR 293OS	silver (I) oxide	Ag_2O	Ag: 93 %	1 kg	AG03000101

AU

AURICOR® 100



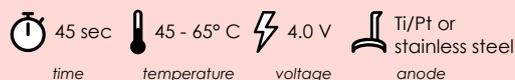
alkaline gold flash solutions for bath plating



AURICOR 100 line comprises a series of alkaline processes used for flash decorative plating depositions (< 0.2 microns) in different colour shades: from light yellow (1N - 14 kt) to deep pink (6N).

All AURICOR 100 processes are free from Nickel and further allergenic substances. The line consists of ready to use solutions which are effortless and low-maintenance as well as guarantee uniform and shiny layers of caratage between 20 and 22 kt.

OPERATIONAL SETTINGS



AURICOR 101N



L*	91.0	code	OR02006401
a*	0.4	form	ready to use
b*	34.5	concentration	Au: 0.8 g/l

yellow 1N - 14 kt

packaging 1 L

AURICOR 103N



L*	89.6	code	OR02006601
a*	4.0	form	ready to use
b*	28.5	concentration	Au: 0.8 g/l

yellow 3N

packaging 1 L

AURICOR 105N



L*	87.5	code	OR02006801
a*	8.3	form	ready to use
b*	22.5	concentration	Au: 0.8 g/l

yellow 5N

packaging 1 L

AURICOR 124



L*	85.5	code	OR02007001
a*	7.3	form	ready to use
b*	37.8	concentration	Au: 0.8 g/l

yellow 24 kt

packaging 1 L

AURICOR 102N



L*	90.3	code	OR02006501
a*	2.0	form	ready to use
b*	30.0	concentration	Au: 0.8 g/l

yellow 2N - 18 kt

packaging 1 L

AURICOR 104N



L*	88.2	code	OR02006701
a*	6.0	form	ready to use
b*	25.5	concentration	Au: 0.8 g/l

yellow 4N

packaging 1 L

AURICOR 106N



L*	85.8	code	OR02006901
a*	10.6	form	ready to use
b*	14.8	concentration	Au: 0.8 g/l

pink 6N

packaging 1 L

AURICOR 124P



L*	88.5	code	OR02001202
a*	7.3	form	powder
b*	37.8	concentration	Au: 0.8 g/32.17 g

yellow 24 kt

packaging 32.17 g

Make-up & Maintenance

		concentration	packaging	code
AURICOR 100BS	make up solution		10 L	OR02002701
AURICOR 100SF	make up salts		1 - 5 kg	OR02007501
AURICOR 110RAG	silver replenisher	Ag: 10 g/l	1 L - 100 ml	OR02007101
AURICOR 110RCU	copper replenisher	Cu: 10 g/l	1 L - 100 ml	OR02007201
AURICOR 100RGL	gold replenisher	Au: 100 g/l	1 L - 100 ml	OR02007301
AURICOR 100RA	brightener additive		250 ml	OR02000702



AURICOR® 201



acid gold flash solutions for bath plating on stainless steel and titanium alloys



AURICOR 201 is a strongly acid gilding which acts as a primer on metal surfaces, such as stainless steel or titanium alloys where the adhesion is difficult, in order to prepare the surface for the next decorative plating solution.

AURICOR 201 ensures long-term stability and durability of the final deposition.

OPERATIONAL SETTINGS

90 sec	45° C	3.0 V	Ti/Pt
<i>time</i>	<i>temperature</i>	<i>voltage</i>	<i>anode</i>

AURICOR 201



yellow 24 kt

L*	87.7	code	OR01003301
a*	3.4	form	ready to use
b*	34.2	concentration	Au: 1 g/l
		packaging	1 L



AURICOR® 325



acid gold flash solutions for pen plating on stainless steel



AURICOR 325 is an acid gilding for pen plating which acts as a primer on stainless steel surfaces where deposition is difficult, in order to prepare the surface for the next decorative plating solution.

AURICOR 325 is perfect to emphasise small and specific details.

OPERATIONAL SETTINGS

7 - 15 sec	room temp	7-10 V
<i>time</i>	<i>temperature</i>	<i>voltage</i>

AURICOR 325



yellow 24 kt

L*	88.4	code	OR01001901
a*	4.6	form	ready to use
b*	35.5	concentration	Au: 2 g/100 ml
		packaging	100 ml

AU

AURICOR® 300



alkaline gold flash solutions for pen plating



AURICOR 300 comprises a series of alkaline gildings for pen plating processes developed for decorative applications on precious metals. AURICOR 300 consists of ready to use solutions which guarantee bright shades ranging from light yellow 1N-14 kt colour to deep pink 6N colour.

AURICOR 300 is perfect to emphasise small and specific details and to cover solder joints.

OPERATIONAL SETTINGS

7 - 15 sec
 room temp
 6.0 V
time *temperature* *voltage*

AURICOR 301N



yellow 1N - 14 kt

L*	90.4	code	OR02007601
a*	0.6	form	ready to use
b*	35.5	concentration	Au: 1 g/100 ml
		packaging	100 ml

AURICOR 302N



yellow 2N - 18 kt

L*	90.1	code	OR02007701
a*	1.8	form	ready to use
b*	29.9	concentration	Au: 1 g/100 ml
		packaging	100 ml

AURICOR 303N



yellow 3N

L*	90.0	code	OR0207801
a*	3.5	form	ready to use
b*	28.5	concentration	Au: 1 g/100 ml
		packaging	100 ml

AURICOR 305N



yellow 5N

L*	87.5	code	OR02012001
a*	6.5	form	ready to use
b*	22.5	concentration	Au: 1 g/100 ml
		packaging	100 ml

AURICOR 306N



pink 6N

L*	85.7	code	OR02007901
a*	10.6	form	ready to use
b*	15.2	concentration	Au: 0.3 g/100 ml
		packaging	100 ml

AURICOR 324



yellow 24 kt

L*	88.4	code	OR02008001
a*	4.6	form	ready to use
b*	35.5	concentration	Au: 2 g/100 ml
		packaging	100 ml

AU

AURICOR® 401



green gold flash solutions for bath plating



AURICOR 401 is a particular decorative gold flash plating solution, cyanide-free and ready to use, capable of depositing a green colouring gold-cadmium alloy as interesting alternative to traditional jewellery colours.

OPERATIONAL SETTINGS

90 sec
 45° C
 3.0 V
 Ti/Pt
time *temperature* *voltage* *anode*

AURICOR 401



green

L*	82.0	code	OR020008101
a*	-3.0	form	ready to use
b*	25.0	concentration	Au: 1 g/l
		packaging	1 L

AU

AURICOR® 404



Hamilton gold flash solutions for bath plating



AURICOR 404 is a decorative alkaline flash plating solution capable of depositing a standard yellow colouring gold Hamilton alloy.



OPERATIONAL SETTINGS



AURICOR 404



Hamilton

L*	89.5	code	OR02011001
a*	3.5	form	ready to use
b*	36.0	concentration	Au: 1 g/l
		packaging	1 L

AU

AURICOR® 406



brown gold flash solutions for bath plating



AURICOR 406 is a particular acid based gold plating solution, able to deposit a brown colour alloy of gold/copper/ruthenium.



This gold plating solution is composed by a sophisticated organic matrix to stabilize the electrolyte and guarantee an easy maintenance of the process. The brown colour shade can be adjusted by using a special additive.

OPERATIONAL SETTINGS



AURICOR 406



brown

L*	70.0	code	OR01001701
a*	8.5	form	ready to use
b*	18.0	concentration	Au: 1 g/l
		packaging	1 L

Make-up & Maintenance

		concentration	packaging	code
AURICOR 406RA	darkening additive		1 L - 100 ml	OR01001101
AURICOR 406RCU	copper replenisher	Cu: 2.5 g/l	1 L - 100 ml	OR01001201
AURICOR 406RRU	ruthenium replenisher	Ru: 10 g/l	1 L - 100 ml	OR01001301
AURICOR 406RAU	gold replenisher	Au: 20 g/l	1 L - 100 ml	OR01001401
AURICOR 406SA	conducting salts A		1 kg	OR01006101
AURICOR 406SB	conducting salts B		1 kg	OR01006201

AU

AURICOR® 407



alkaline gold flash solutions for bath plating



AURICOR 407 is a decorative alkaline flash plating solution, totally heavy metals free, capable of depositing a yellow 23 kt gld colouring (Dubai colour)

OPERATIONAL SETTINGS

⌚ 45 sec 🌡️ 50° C ⚡ 4.0 V ⚙️ Ti/Pt or stainless steel

time temperature voltage anode

AURICOR 407



Dubai yellow

L*	87.0	code	OR02004601
a*	9.0	form	ready to use
b*	36.0	concentration	Au: 1 g/l
		packaging	1 L

PRECIOUS PLATING SOLUTIONS

AU

AURICOR® 502N | 524



acid gold thickness solutions for bath plating



AURICOR 502N and 524 are high-tech slightly acid gildings which can easily deposit gold thicknesses up to 5 microns. Respective deposition colours are yellow 2N - 18 kt and yellow 24 kt.

AURICOR 502N and 524 produce strong bright gold coats in 23 - 24 kt which provide an excellent resistance to corrosion.

OPERATIONAL SETTINGS

⌚ 240 sec 🌡️ 30° C ⚡ 3.5 V ⚙️ Ti/Pt

time temperature voltage anode

AURICOR 502N



yellow 2N - 18 kt

L*	84.0	code	OR01003801
a*	5.1	form	ready to use
b*	27.5	concentration	Au: 4 g/l
		packaging	1 L

AURICOR 524



yellow 24 kt

L*	84.5	code	OR01003701
a*	7.8	form	ready to use
b*	30.6	concentration	Au: 4 g/l
		packaging	1 -5 L

🔧 Make-up & Maintenance

		concentration	packaging	code
AURICOR 502NR	gold replenisher	Au: 2 g/200 ml	200 ml	OR01000201
AURICOR 524R	gold replenisher	Au: 2 g/200 ml	200 ml	OR01000101
AURICOR 540RI	indium replenisher	In: 40 g/l	1 L	OR01003901
AURICOR 540RC	cobalt replenisher	Co: 40 g/l	1 L	OR01004001
AURICOR 540RN	nickel replenisher	Ni: 40 g/l	1 L	OR01004101
AURICOR 500RA	stabilizing additive		1 L	OR01004201
AURICOR 500SA	conducting salts A		1kg	OR01004501
AURICOR 500SB	conducting salts B		1 kg	OR01005101
AURICOR 500RGL	gold replenisher	Au: 10 g/100 ml	100 ml	OR01004401

AU

AURICOR® 535



acid gold thickness solutions for bath plating



AURICOR 535 is a high technical level weakly acid gilding for thickness, with a light fashion yellow colour (yellow 2N - 3N) capable of depositing a gold-iron-indium Ni-free alloy up to 1 micron in 23 kt.



OPERATIONAL SETTINGS



AURICOR 535



yellow 2N - 3N

L*	84.5	code	OR01006401
a*	4.5	form	ready to use
b*	28.0	concentration	Au: 2 g/l
		packaging	1 L

Make-up & Maintenance

		concentration	packaging	code
AURICOR 500RA	stabilizing additive		1 L	OR01004201
AURICOR 520RF	iron replenisher	Fe: 20 g/l	1 L	OR01005501
AURICOR 540RI	indium replenisher	In: 40 g/l	1 L	OR01003901
AURICOR 535SA	conducting salts A		1kg	OR01005801
AURICOR 535SB	conducting salts B		1 kg	OR01005901

AU

AURICOR® 724



alkaline gold flash solutions for bath plating



AURICOR 724 is a weak-alkaline special gilding with a very low gold concentration (0.12 - 0.18 g/l), which is totally cyanides-free.



A distinguishing characteristic is the surprising uniformity of deposit, which makes AURICOR 724 the ideal choice for large volume tanks (over 250 liters). Applications: household items (lamps, handles, chairs) as well as fashion accessories.

OPERATIONAL SETTINGS



AURICOR 724



yellow 24 kt

L*	88.5	code	OR02000101
a*	6.3	form	ready to use
b*	37.0	concentration	Au: 0.15 g/l
		packaging	1 L

Rh

RODINOR® 102 | 104 | 120



bright white rhodium solutions for bath plating



RODINOR 120 | 102 | 104 is the easiest line to use.

This white and shiny rhodium plating is characterised by a high strength against pollution and a wide range of working conditions that guarantee versatility and optimal results in different applications.

Suitable for any use, it is the best choice for a perfect bright white finishing in jewellery.



OPERATIONAL SETTINGS			
40 sec	40° C	3.5 V	Ti/Pt
time	temperature	voltage	anode

RODINOR 102



extra-white

L*	90.2	code	RH01001202
a*	1.2	form	ready to use
b*	1.8	concentration	Rh: 2 g/l
		packaging	1 L

RODINOR 104



extra-white

L*	90.2	code	RH01002101
a*	1.2	form	ready to use
b*	1.8	concentration	Rh: 4 g/l
		packaging	1 L

RODINOR 120



extra-white

L*	90.2	code	RH01001302
a*	1.2	form	concentrated
b*	1.8	concentration	Rh: 2 g/100 ml
		packaging	100 ml

Make-up & Maintenance

		concentration	packaging	code
RODINOR 125R	rhodium replenisher	Rh: 5 g/100 ml	100 ml	RH01001401
RODINOR 120RA	brightener additive		1 L - 100 ml	RH01001501

Rh

RODINOR® 110



high performance white rhodium solutions for bath plating



RODINOR 110 is the exclusive formulation of shining white rhodium plating 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 the advanced coating power and the excellent throwing power, RODINOR 110 is the perfect choice on jewels with stones.



OPERATIONAL SETTINGS			
40 sec	40° C	3.5 V	Ti/Pt
time	temperature	voltage	anode

RODINOR 110



brilliant-white

L*	90.5	code	RH01000601
a*	1.1	form	concentrated
b*	1.6	concentration	Rh: 2 g/200 ml
		packaging	200 ml

Make-up & Maintenance

		concentration	packaging	code
RODINOR 115R	rhodium replenisher	Rh: 5 g/200 ml	200 ml	RH01000701
RODINOR 110RA	brightener additive		1 L - 100 ml	RH01000801

Rh

RODINOR® 140



pure white rhodium solutions for bath plating



RODINOR 140 is the white rhodium plating characterised by the distribution of the deposit and its particular dazzling colour.



The special rhodium complex used, combined with new generation additives, makes RODINOR 140 the ideal choice for mass production with consumption under 40% compared to traditional white rhodium plating.

OPERATIONAL SETTINGS



RODINOR 140



L*	90.2	code	RH01000101
a*	1.2	form	concentrated
b*	1.9	concentration	Rh: 2 g/100 ml

dazzling-white

packaging 100 ml

RODINOR 144



L*	90.2	code	RH01000201
a*	1.2	form	concentrated
b*	1.9	concentration	Rh: 4 g/100 ml

dazzling-white

packaging 100 ml

Make-up & Maintenance

		concentration	packaging	code
RODINOR 145R	rhodium replenisher	Rh: 5 g/100 ml	100 ml	RH01000301

Rh

RODINOR® 150 | 152



brilliant white rhodium solutions for bath plating



RODINOR 150 | 152 is a dual-component (with a separate additive) rhodium process extremely white and shiny with incomparable technical and qualitative properties, perfect to exalt diamond brightness, with a high strength against pollution.



Suitable for any use, it is characterized by the high range of working temperatures (from 25°C to 70°C) and by the long lasting performance of the deposit (the solution works until a Rh concentration of 0,6 g/l).

OPERATIONAL SETTINGS



RODINOR 150



L*	91.2	code	RH01003401
a*	1.0	form	ready to use
b*	1.5	concentration	Rh: 2 g/l

super-white

packaging 1 L

RODINOR 152



L*	91.2	code	RH01002501
a*	1.0	form	concentrated
b*	1.5	concentration	Rh: 2 g/100 ml

super-white

packaging 100 ml + 100 ml

Make-up & Maintenance

		concentration	packaging	code
RODINOR 155R	rhodium replenisher	Rh: 5 g/100 ml	100 ml	RH01002801
RODINOR 152RB	brightener additive		100 ml	RH01002701

Rh

RODINOR® 202 | 220



black rhodium solutions for bath plating



RODINOR 220 and 202 are black rhodium plating processes, easy to use, which provide a brilliant and elegant black uniform deposit. The line consists of both concentrated and ready to use solutions and also, of two different blackening agents to correct the colour.



OPERATIONAL SETTINGS

120 sec
time

60° C
temperature

4.0 V
voltage

Ti/Pt
anode

RODINOR 202



black

L*	65.0	code	RH02000101
a*	0.5	form	ready to use
b*	0.9	concentration	Rh: 2 g/l
		packaging	1 L

RODINOR 220



black

L*	65.0	code	RH02000201
a*	0.5	form	concentrated
b*	0.9	concentration	Rh: 2 g/200 ml
		packaging	200 ml

Make-up & Maintenance

		concentration	packaging	code
RODINOR 250R	rhodium replenisher	Rh: 5 g/100 ml	100 ml	RH02000501
RODINOR 200RA	blackening agent (shade 1)		1 L - 100 ml	RH02000301
RODINOR 204RA	blackening agent (shade 3)		1 L	RH02000701

Rh

RODINOR® 300



rhodium solutions for pen plating



RODINOR 300 is a line of rhodium pen plating solutions available in white and black colours. The main features are the high deposition speed, the brilliance of the deposit, the limited development of bubbles when applied, and the chemical stability of the solutions.

RODINOR 300 is the right choice for two-tone designs, small details and for textured surfaces.

OPERATIONAL SETTINGS

5 - 10 sec
time

room temp
temperature

10 V
voltage

RODINOR 320



extra-white

L*	89.2	code	RH03000501
a*	0.6	form	ready to use
b*	2.2	concentration	Rh: 2 g/100 ml
		packaging	100 ml

RODINOR 321



extra-white

L*	88.6	code	RH03000101
a*	0.7	form	ready to use
b*	2.3	concentration	Rh: 2 g/100 ml
		packaging	100 ml

RODINOR 322



black

L*	58.0	code	RH03000201
a*	-0.5	form	ready to use
b*	2.0	concentration	Rh: 2 g/100 ml
		packaging	100 ml

RODINOR 352



super-white

L*	90.8	code	RH03000701
a*	0.9	form	ready to use
b*	2.0	concentration	Rh: 2 g/100 ml
		packaging	100 ml

Pd

PALLADOR® 102



white palladium flash solutions for bath plating



PALLADOR 102 is a pure palladium plating solution for white decorative finishings, moreover, when used as a plating pre-layer on silver or further base metals, becomes a barrier to prevent oxidation.



OPERATIONAL SETTINGS



90 sec

time



28° C

temperature



2.2 V

voltage



Ti/Pt

anode

PALLADOR 102



white

L*	85.5	code	PD01002901
a*	0.8	form	ready to use
b*	4.2	concentration	Pd: 2 g/l
		packaging	1 L

PALLADOR 102C



white

L*	85.5	code	PD01000101
a*	0.8	form	concentrated
b*	4.2	concentration	Pd: 2 g/250 ml
		packaging	250 ml

Make-up & Maintenance

		concentration	packaging	code
PALLADOR 100RP	palladium replenisher	Pd: 100 g/l	1 L + 1 L	PD01003001
PALLADOR 120RP	palladium replenisher	Pd: 20 g/200 ml	200 ml	PD01003101
PALLADOR 100RA	brightener additive A		1 L	PD01003201
PALLADOR 100RB	brightener additive B		1 L	PD01003301
PALLADOR 100WA	wetting agent		1 L	PD01003401
PALLADOR 100S	conducting salts		1 kg	PD01003501

Pd

PALLADOR® 305



white palladium-nickel alloy solutions for bath plating



PALLADOR 305 is a palladium-nickel plating solution that can be used for white flash or thickness (up to 5 microns) finishings and to guarantee an extremely hard and compact deposit.



PALLADOR 305 is formulated to deposit a Pd-Ni (80% - 20%) alloy which can be modified to prevent the release of nickel in compliance with EC regulation 94/27.



OPERATIONAL SETTINGS



240 sec

time



25° C

temperature



2.2 V

voltage



Ti/Pt

anode

PALLADOR 305



white

L*	85.0	code	PD01002001
a*	1.0	form	ready to use
b*	4.0	concentration	Pd-Ni: 5 g/l
		packaging	1 L

Make-up & Maintenance

		concentration	packaging	code
PALLADOR 300RP	palladium replenisher	Pd: 100 g/l	1 L + 1 L	PD01005101
PALLADOR 300RN	nickel replenisher	Ni: 100 g/l	1 L	PD01005502
PALLADOR 300RA	brightener additive A		1 L	PD01000901
PALLADOR 300RB	brightener additive B		1 L	PD01001001
PALLADOR 300WA	wetting agent		1 L	PD01002401
PALLADOR 300S	conducting salts		1 kg	PD01006701

Pd

PALLADOR® 405



white palladium-indium alloy solutions for bath plating



PALLADOR 405 is a palladium-indium plating solution that guarantees a deposit extremely compact and resistant to oxidation and can be used as a white decorative flash or thickness (up to 2 microns) finishing or as an intermediate layer before other plating processes to prevent diffusion.

PALLADOR 405 deposits a Pd-In (90 % - 10 %) alloy which is completely anallergic and free from toxic heavy metals.



OPERATIONAL SETTINGS



240 sec

time



40° C

temperature



2.2 V

voltage



Ti/Pt

anode

PALLADOR 405



white

L* **85.0** code PD01000201a* **1.0** form ready to useb* **4.2** concentration Pd-In: **5 g/l**

packaging 1 L

Make-up & Maintenance

		concentration	packaging	code
PALLADOR 400RP	palladium replenisher	Pd: 100 g	250 g + 200 ml	PD01000301
PALLADOR 400RA	brightener additive A		1 L	PD01001901
PALLADOR 400RB	brightener additive B		1 L	PD01000801
PALLADOR 400RC	brightener additive C		1 L	PD01001401
PALLADOR 400RI	indium replenisher	In: 10 g/l	1 L	PD01000701
PALLADOR 400WA	wetting agent		1 L	PD01001201
PALLADOR 400S	conducting salts		1 kg	PD01002801

Pd

PALLADOR® 506



palladium-nickel pen plating solutions



PALLADOR 506 is a white palladium-nickel pen plating solution developed for costume jewellery and fashion accessories.

PALLADOR 506 is the right choice for two-tone designs, small details and for textured surfaces.

OPERATIONAL SETTINGS



5 - 10 sec

time



room temp

temperature



6.0 V

voltage

PALLADOR 506



white

L* **85.0** code PD01007401a* **1.0** form ready to useb* **4.0** concentration Pd-Ni: **0.6 g/100 ml**

packaging 100 ml

Pt

PLATINOR® 102 | 104



white platinum solutions for bath plating



PLATINOR 102 and 104 are pure platinum plating solutions that can be used either as thickness (up to 8 microns) or flash process for white finishes above all on platinum 950 alloy jewels. It is extremely easy to use and to maintain.

PLATINOR 102 and 104 are the perfect alternative to palladium plating solutions as intermediate layer in plating process.



OPERATIONAL SETTINGS



PLATINOR 102



white

L*	87.5	code	PT01001201
α*	0.6	form	ready to use
b*	3.5	concentration	Pt: 2 g/l
		packaging	1 L

PLATINOR 102C



white

L*	87.5	code	PT01001202
α*	0.6	form	concentrated
b*	3.5	concentration	Pt: 2 g/100 ml
		packaging	100 ml

PLATINOR 104



white

L*	87.5	code	PT01000301
α*	0.6	form	ready to use
b*	3.5	concentration	Pt: 4 g/l
		packaging	1 L

PLATINOR 104C



white

L*	87.5	code	PT01000101
α*	0.6	form	concentrated
b*	3.5	concentration	Pt: 4 g/250 ml
		packaging	250 ml

Make-up & Maintenance

		concentration	packaging	code
PLATINOR 120RPL	platinum replenisher	Pt: 20 g/l	1 L - 250 ml	PT01002001
PLATINOR 100RA	brightener additive		1 L - 100 ml	PT01001301

Pt

PLATINOR® 202



white platinum flash solutions for bath plating



PLATINOR 202 is a pure platinum flash plating solution suitable for superior results as pre-layer before rhodium.

PLATINOR 202 works at room temperature ensuring faster process timing and it is characterized by an excellent throwing power.



OPERATIONAL SETTINGS



PLATINOR 202



white

L*	87.0	code	PT01002301
α*	0.7	form	ready to use
b*	4.2	concentration	Pt: 2 g/l
		packaging	1 L

Make-up & Maintenance

		concentration	packaging	code
PLATINOR 250RPL	platinum replenisher	Pt: 50 g/l	1 L - 100 ml	PT01002401

Pt
Ru

WHITENOR® 102



alternative white platinum-ruthenium solutions for bath plating



WHITENOR 102 is the surprising Berkem's process for platinum-ruthenium-based decorative and thickness (up to 3 microns) bath plating that guarantees extremely white and shiny deposits free from any yellowish reflections. WHITENOR 102 deposits directly on any precious metal surface including silver and it has excellent performances as intermediate layer before final colour finishing.

WHITENOR 102 is the perfect alternative to traditional rhodium, pure platinum and palladium solutions.

OPERATIONAL SETTINGS

90 sec	55° C	4.0 V	Ti/Pt
time	temperature	voltage	anode

WHITENOR 102



white

L*	88.0	code	PT01001601
a*	0.55	form	ready to use
b*	2.8	concentration	Pt-Ru: 2 g/l
		packaging	1 L

Make-up & Maintenance

		concentration	packaging	code
WHITENOR 100RRU	ruthenium replenisher	Ru: 6 g/100 ml	100 ml	PT01001701
WHITENOR 100RPT	platinum replenisher	Pt: 20 g/l	1 L	PT01001801

Ru

RUTENOR® 105



grey ruthenium flash solutions for bath plating



RUTENOR 105 is a ruthenium plating process with a light grey-titanium colour, very easy to use and with an extremely hard compact deposit of pure ruthenium, it is considered to be the perfect decorative choice.

OPERATIONAL SETTINGS

120 sec	50° C	3.0 V	Ti/Pt
time	temperature	voltage	anode

RUTENOR 105



grey

L*	72.5	code	RU01000701
a*	0.6	form	ready to use
b*	3.0	concentration	Ru: 5 g/l
		packaging	1 L

Ru

RUTENOR® 205C



extra-black ruthenium flash solutions for bath plating



RUTENOR 205C is an extremely black (extra-black) ruthenium plating process with a compact uniform deposit of pure ruthenium. The deposit is stable over time due to the special liquid blackening additive, which distinguishes it from other processes on the market.

RUTENOR 205C can be deposited directly on palladium, platinum and gold surfaces.



OPERATIONAL SETTINGS



RUTENOR 205C



extra-black

L*	35.0	code	RU01002001
a*	0.2	form	concentrated
b*	0.8	concentration	Ru: 5 g/500 ml
		packaging	500 ml + 100 ml

Make-up & Maintenance

		concentration	packaging	code
RUTENOR 250R	ruthenium replenisher	Ru: 50 g/l	1 L - 100 ml	RU01001101
RUTENOR 200RA	blackening additive (liquid)		1 L - 100 ml	RU01001301
RUTENOR 200RAS	blackening additive (powder)		100 g	RU01002401
RUTENOR 200S	conducting salts		1 kg	RU011201

Ru

RUTENOR® 305



gunmetal ruthenium flash solutions for bath plating



RUTENOR 305 is a black / anthracite / gunmetal / dark grey ruthenium plating process with a compact uniform deposit of pure ruthenium.

RUTENOR 305 is generally used as an alternative of black rhodium due to its very similar colour.



OPERATIONAL SETTINGS



RUTENOR 305



dark-grey

L*	60.0	code	RU01000301
a*	0.4	form	ready to use
b*	0.8	concentration	Ru: 5 g/l
		packaging	1 L

RUTENOR 305C



dark-grey

L*	60.0	code	RU01001701
a*	0.4	form	concentrated
b*	0.8	concentration	Ru: 5 g/200 ml
		packaging	200 ml

Make-up & Maintenance

		concentration	packaging	code
RUTENOR 300RA	blackening additive		1 L	RU01002201
RUTENOR 300S	conducting salts		1 kg	RU01002301

Ru

RUTENOR® HD

hardener for ruthenium solutions for bath plating

RUTENOR HD is an innovative chemical additive capable of hardening, compacting and darkening deposits of ruthenium.

RUTENOR HD is easy to use and does not require any rectifiers since it is simply used by immersion.

OPERATIONAL SETTINGS



300 sec

time



60° C

temperature



Ti/Pt

anode

product

RUTENOR HD

hardening additive

form

ready to use

packaging

1 - 25 L

code

RU01002701

Ag

SILCOR® 501

cyanide free silver solutions for bath plating



SILCOR 501 is a cyanide-free silver flash and thickness (up to 10 microns) plating process that allows the deposition of an extremely white layer of silver. The special features of this process are the electrolytic stability and the high quality of the deposit in total absence of cyanides in solution.

SILCOR 501 can be applied directly on silver and gold, or, after a special pre-treatment, even on nickel and copper alloys.

OPERATIONAL SETTINGS



120 sec

time



25° C

temperature



2.0 V

voltage



pure silver

anode

SILCOR 501



white silver

L* 98.6

code AG05000101

a* 0.0

form ready to use

b* 2.5

concentration Ag: 25 g/l

packaging 1 L

Make-up & Maintenance

		concentration	packaging	code
SILCOR 501P	cyanide free strike-silver solution for bath plating (ready to use)	Ag: 2.5 g/l	1 - 25 L	AG05000301
SILCOR 501D	fixing treatment (ready to use)		1 L	AG05000201
SILCOR 501RAG	silver replenisher	Ag: 60 g/l	1 L	AG05001001

Ag

SILCOR® 100

Ni
freeCd
freeCo
free

silver flash solutions for bath plating



SILCOR 100 is an extremely white decorative silver plating process which is easy to use due to the presence of organic brighteners.



SILCOR 100 is generally used as a bright white finish in pure silver surfaces.

OPERATIONAL SETTINGS



in relation to
the thickness
time



20° C
temperature



2.0 V
voltage



pure
silver
anode

SILCOR 100



white silver

L*	99.1	form	make up solution
a*	0.7	packaging	1 - 25 L
b*	1.4		

Make-up & Maintenance

		packaging	code
SILCOR 101	brightener additive	1 - 5 L	AG01001003
SILCOR 101C	brightener additive (powder)	1 kg	AG01000801
SILCOR 102	wetting agent	1 - 5 L	AG01001103
SILCOR 102C	wetting agent (concentrated)	1 kg	AG01000301
SILCOR 100S	conducting salts	1 kg	AG01001201

Ag

SILCOR® 200

Ni
freeCd
freeCo
free

silver thickness and electroforming solutions for bath plating



SILCOR 200 is a thickness (up to 300 microns) silver plating solution which is used both for intermediate deposition and for electroforming process thanks to the particular hardness of the deposit provided by inorganic additives contained in the brightener agent.



OPERATIONAL SETTINGS



in relation to
the thickness
time



20° C
temperature



2.0 V
voltage



pure
silver
anode

SILCOR 200



white silver

L*	98.6	form	make up solution
a*	0.0	packaging	1 - 25 L
b*	2.5		

Make-up & Maintenance

		packaging	code
SILCOR 201	wetting agent	1 - 5 L	AG02000401
SILCOR 202	brightener additive	1 - 5 L	AG02000501
SILCOR 200RS	hardening additive	1 - 5 L	AG02000301
SILCOR 204SP	stabilising additive	5 L	AG02000101

Ni

NICKELOR 100



polish nickel solutions for bath plating



NICKELOR 100 is a bright white nickel plating process that can be used for depositions of pure nickel to increase the brightness of the treated objects.



NICKELOR 100 is characterised by a high levelling power able to cover porosity and polishing score marks.



NICKELOR 100 offers a high corrosion protection and wear resistance.

OPERATIONAL SETTINGS

300 sec
time

55° C
temperature

4.0 V
voltage

Ni
anode

NICKELOR 101



grey

L*	83.6	code	NI01003601
a*	0.7	form	ready to use
b*	6.2	packaging	1 - 10 L

Cu

CUPRALOR 100



acid polish copper solutions for bath plating



CUPRALOR 100 is a bright copper plating process that can be used for pure copper depositions, considerably increasing the brightness of the objects to be treated.



CUPRALOR 100 is characterised by a high levelling power able to cover porosity and polishing score marks.



CUPRALOR 100 is a perfect intermediate layer before finishing with nickel, bronze and other metals.

OPERATIONAL SETTINGS

in relation to the thickness
time

20° C
temperature

2.5 V
voltage

Cu
anode

CUPRALOR 101



pink

L*	88.3	code	RA02000801
a*	13.4	form	ready to use
b*	14.0	packaging	1 - 10 L

Sn

I-WHITE



acid white tin solutions for bath plating



I-WHITE is a white tin ready to use plating solution that permits extremely bright and levelled tin depositions.



I-WHITE is totally cyanide free and thanks to its high performances, efficiency and extraordinary white colour, it is a valid alternative to precious metals finishings for costume jewellery and fashion accessories.

OPERATIONAL SETTINGS

90 sec
time

room temp
temperature

2.5 V
voltage

Ti/Pt or Sn
anode

I-WHITE



white

L*	94.0	code	SN01000101
a*	0.6	form	ready to use
b*	3.5	packaging	1 L



CLEANOR 100

electrolytic degreasing solution

CLEANOR 100 is a line of electrolytic degreasings with high performances used to prepare and activate the surface of metallic substrates prior to electroplating.

OPERATIONAL SETTINGS

120 sec	room temp	6.5 V	stainless steel
<i>time</i>	<i>temperature</i>	<i>voltage</i>	<i>anode</i>

product		form	packaging	code
CLEANOR 101	electrolytic degreaser for precious metals	ready to use	1 - 5 L	SG01001901
CLEANOR 101P	electrolytic degreaser for precious metals	powder	1 - 10 - 25 kg	SG01002001
CLEANOR 138L	electrolytic degreaser for industrial uses	concentrated	25 L	SG01000501
CLEANOR 181P	electrolytic degreaser for industrial uses	powder	25 kg	SG01001701



CLEANOR 200

ultrasonic degreasings

CLEANOR 200 is a line of degreasings for ultrasonic washing machines used to remove pastes and oils in an easy way.

The line consists of both alkaline and neutral soaps that can be used with particularly delicate finishes too.

OPERATIONAL SETTINGS

120 sec	65 - 70° C
<i>time</i>	<i>temperature</i>

product		form	packaging	code
CLEANOR 201P	ultrasonic degreaser suitable for precious metals	powder	1 - 10 - 25 kg	SG02001401
CLEANOR 293TN	ultrasonic degreaser suitable for sensitive metals	concentrated	1 - 25 L	SG01000303
CLEANOR 203	ultrasonic degreaser for industrial uses	concentrated	1 - 25 L	SG02001601
CLEANOR 222P	ultrasonic degreaser for industrial uses	powder	25 kg	SG02000401
CLEANOR 204	soap for vibrators and tumbler machines	concentrated	1 - 25 L	SG02001701



CLEANOR 300

neutralizing and activator solutions

CLEANOR 300 is a line of neutralizing and activators solutions to remove contaminating agents prior the final plating bath step, for example degreasing or cyanide residues.

product		form	packaging	code
CLEANOR 301	neutralizing for plating processes	ready to use	1 - 5 L	AT01000301
CLEANOR 302P	neutralizing for plating processes	powder	1 - 10 - 25 kg	AT01000401
CLEANOR 303	neutralizing for cyanides	ready to use	25 L	NT01000101
CLEANOR 303P	neutralizing for cyanides	powder	1 kg	NT01000401
CLEANOR 305P	chemical deoxidizing	powder	25 kg	AT01000101
CLEANOR 306P	acitvator for zamak	powder	25 kg	AT01000501
CLEANOR 304	electropolishing solution for gold	ready to use	25 L	EB01000201
CLEANOR 304P	electropolishing solution for gold	powder	1 - 25 kg	EB01000101

PROTECOR 201

anti-tarnish chemical passivation



PROTECOR 201 is an innovative nano-composite non-toxic chemical passivation, for silver and copper based alloys as pink gold, brass and bronze, used as the perfect protection against corrosion and oxidation without altering the original appearance of the surface. PROTECOR 201 protects jewellery from fingerprints, artificial light of showcases and it is biologically safe and skin-neutral.

PROTECOR 201 can be used for immersion and for electrolysis, by adding conductive salts and using special Ti/Ir electrodes. Electrolytic application of PROTECOR 201 exponentially increases the level of protection and resistance.

OPERATIONAL SETTINGS



product		form	packaging	code
PROTECOR 201	nanocomposite antitarnish solution	concentrated	1 L - 100 ml	PS01000101
PROTECOR 200BS	nanocomposite antitarnish solution	ready to use	1 L	PS01000201
PROTECOR 200S	conducting salts		100 g	PS01000103

STRIPPERS

strippers for metals and lacquers



A complete line of chemicals for selective dissolution of metals and paints without attacking surfaces.

Strippers solutions are generally used to remove and recover precious metal residues from the racks.

product			packaging	code
STR-200CU	stripper for copper		25 L	ST01000101
STR-221CUP	stripper powder for copper		5 - 25 kg	ST01001101
STR-300AU	stripper for gold		5 L	ST01000701
STR-400PD	stripper for palladium		5 L	ST01001801
STR-T27SP	stripper for lacquers		25 L	ST01000601

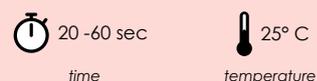
BURNISHES

chemical burnishing solutions



A complete line of chemical solutions used to obtain antique two-colour effects on silver and brass surfaces through accelerated oxidation.

OPERATIONAL SETTINGS



product			packaging	code
SILVERBLACK 100A	grey-black burnishing for silver 'part A'		25 L	BR01000301
SILVERBLACK 100B	grey-black burnishing for silver 'part B'		25 L	BR01000401
SILVERBLACK 200	blue-black burnishing for silver		1 - 20 L	BR01000102
BRUNIT 300	burnishing for brass and copper alloys		1 - 25 L	BR01000202



M-REDUCER

chemical reducing agent for metals

M-REDUCER is the perfect product to easily precipitate precious and non-precious metals from plating exhausted solutions or washing waters. The addition of M-REDUCER generates in the treated solution the metal reduction which, by precipitation, can be separated for filtration and recovery rather than internally refined.

M-REDUCER guarantees the precipitation of metal compounds only and not of other substances present in the treated solutions.

OPERATIONAL SETTINGS



0.5-24 h

time



10-60° C

temperature

product		packaging	code
M-REDUCER	chemical reducing agent for metals	5 - 10 L	SO02000103



CYANIDES

The line of Berkem high purity cyanides for galvanic use, it is available in 25 - 50 kg packs and in a comfortable homologated 1 kg pack to facilitate the handling process and to avoid the surplus storage.

Please note that cyanides are subjected to strict international standards

product	CAS	purity	formula	title	packaging	code
POTASSIUM CYANIDE	151-50-8	min 98%	KCN	(K) 60,0%	1-25-50 kg	SA01000201
SODIUM CYANIDE	143-33-9	min 97%	NaCN	(Na) 46,9%	1-5-25 kg	SA01000301
COPPER CYANIDE	544-92-3	min 98%	CuCN	(Cu) 70,8%	1-25 kg	SA01000401
ZINC CYANIDE	557-21-1	min 98%	Zn(CN) ₂	(Zn) 55,7%	1-25 kg	SA01000501
SILVER CYANIDE	506-64-9	min 99%	AgCN	(Ag) 80,3-80,7%	1 kg	SA01000701

DS-1000

dosing machine for enamels

DS-1000 is the practical electro-pneumatic jewellery glaze doser for accurate and fast applications without waste or contamination. The pneumatic glaze doser makes the work easier for operators and guarantees better results in terms of quality and time, reducing the risk of defects and thus significantly increasing process margins at larger scales thanks to the elimination of waste.

DS-1000 is equipped with:

- anti-drip system for the management of low viscosity glazes;
- digital timer adjustable from 0.01 to 30 seconds, for programmed precision glaze dosages;
- pedal for manual dosing;
- 10 ml syringe connector;
- 1 x 10 ml syringe;
- 3 different size needles.

DS1000-ENALOR

dosing machine for enamels



code MG01000801

size 23.5 x 22.5 x 6.3 cm

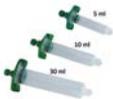
weight 2.2 kg

Accessories



		code
ENALOR VACUUM KIT 420	vacuum kit for enamels pumps 4 cu.m./h - chamber 20 cm	MG01004901
VACUUM PUMP 467	vacuum pump 4 cu.m./h	MG01005201
VACUUM CHAMBER 200	vacuum chamber size 20 cm	MG01005301

Spare parts



		code
SPARE DS-1010ML	dosing syringe for enamels 10 ml (20 pcs)	VA01006001
SPARE DS-2010ML	connector for dosing syringe 10 ml	VA01006101
SPARE DS-1005ML	dosing syringe for enamels 5 ml (20 pcs)	VA01006201
SPARE DS-2005ML	connector for dosing syringe 5 ml	VA01006301
SPARE DS-1030ML	dosing syringe for enamels 30 ml (20 pcs)	VA01006501
SPARE DS-2030ML	connector for dosing syringe 30 ml	VA01006401

STILOR®

pen plating machine & accessories

STILOR® 100 is the exclusive and compact pen plating machine used for precise depositions, 100% Made in Italy, perfect to carry out repairs, able to perform the degreasing of the pieces thanks to its special high power and designed to decorate the surrounding zones and details. STILOR® 100 is the ideal choice for pen plating treatments. Moreover, this pen plating machine is an excellent alternative to pilot systems for plating baths of small objects: the exclusive satellite STILOR® 100S, which can be connected to the STILOR® 100 unit, converts the unit into a small bath plating system complete with 150 ml beakers and Ti/Pt small anodes (4 units).

STILOR® 103 Evo, with its easy grip and very light weight, is totally made of titanium with a special treatment based on pure platinum. STILOR® 103 Evo, guarantees a simple and perfect deposition without bubbles in large surfaces and on complicated details.

STILOR® 100 is equipped with:

- 1 easy to handle titanium pen (STILOR 103 Evo) with tips;
- 2 cables for connesions (black and red) and crocodile plug;
- 2 pyrex beakers of 25 ml for plating solutions;
- 2 PET glasses of 25 ml;
- 1 pyrex beaker of 100 ml with Ti | Pt anode for the degreasing process.

STILOR® 100



pen plating machine

code MG01000501

size 18 x 16 x 13 h cm

weight 1.5 kg

STILOR® 100S



satellite unit for Stilor 100

code MG01002201

size 18 x 16 x 6 h cm

weight 1 kg

Spare parts



		code
STILOR 103 EVO	Titanium pen for pen plating	MG01006401
SPARE 101-REDCAB-PEN	cable for STILOR® 100 (9 cm)	VA01002601
SPARE 101-REDCAB-AN	red cable for STILOR® 100 anode (9 cm)	VA01000801
SPARE 102-BT10	double brown tips for pen plating (10 pcs)	VA01002501
SPARE 102-BT100	double brown tips for pen plating (100 pcs)	VA01002502
SPARE 103-WT10	double white tips for pen plating (10 pcs)	VA01002401
SPARE 103-WT100	double white tips for pen plating (100 pcs)	VA01002402
SPARE 104-GRT5	felt tips for pen plating (5 pcs)	VA01002901
SPARE 105-PYREX25	pyrex beaker 25 ml for STILOR® 100	VA01003001
SPARE 106-PYREX100	pyrex beaker 100 ml for STILOR® 100	VA01003101
SPARE 107-PET25	PET beaker 25 ml for STILOR® 100	VA01003201
SPARE 108-ANTIPT5X1.5	degreaser anode for STILOR® 100	VA01003301
SPARE 109-BLK CAB	black cable for STILOR® 100 connections	VA01003401
SPARE 110-ANTIPT5X1.5	Ti/Pt anode 5 x 1.5 cm for STILOR® 100S	VA01004401

GALVALINK®-evo line

benchtop plating plant

GALVALINK®-evo line combines innovative design with high performance and versatility. Made entirely of AISI 304 stainless steel, it ensures resistance and durability even in intensive use conditions. Its compact dimensions and modular design make it perfect for both small artisanal workshops and more structured and scalable productions. Total control of operating parameters, through pre-set and customizable operational recipes, guarantees optimal result repeatability and eliminates errors.

Standard equipment

- Integrated high-linearity rectifier | 20 A - 12 V (GALVALINK®-evo 2B)
- Multilingual touch screen software
- Digital encoder
- Magnetic stirring heating plate with speed controller
- Magnetic anchor and temperature sensor
- 2 liter pyrex beakers
- Removable anode and cathode bars
- Steel anode for use in electrolytic degreasing solutions (GALVALINK®-evo 2B)
- Platinised titanium anode with PLATIFUSION® technology for use with any precious metal-based electroplating solution
- Removable plexiglass protective beaker cover
- Emergency mushroom push button
- Galvanic pen plug with dedicated software
- Provision for fume extractor

Optional equipment

- Dedicated galvanic pen cable
- Integrated fume extractor motor
- Connection cables for satellite unit



• Ease of Use and Maximum Performance:

The interaction between the touch screen and digital encoder, with intuitive controls, makes managing parameters extremely simple, even for less experienced users. The integrated high-linearity rectifier allows for more uniform, burn-free deposits, improving quality and reducing production waste.

• Attractive and Functional Design

The fully visible Pyrex beakers enable real-time monitoring of every phase of the process. The removable protective cover ensures operational safety and excellent preservation of galvanic solutions.

• Versatility and Modularity

The modular design allows for maximum adaptability to various application types.

• Resistance and Ease of Maintenance

The construction in AISI 304 stainless steel ensures not only superior mechanical and chemical resistance but also ease of cleaning and durability.

• Electrical Reliability

All electrical and electronic components are placed in protected areas to prevent infiltration and ensure stability and safety during use.

• Exclusive Berkem Software and Electronics

The software is specifically designed for optimizing galvanic processes, for bath and pen, and allows for future updates.

• Energy Optimization

Attention to energy efficiency allows for reduced consumption without compromising quality.

• Provision for Plating Pen

The integrated plug for the galvanic pen with a dedicated software offers maximum application flexibility.

• Provision for Fume Extractor

GALVALINK®-evo 2B

2 liter base unit with integrated rectifier



code	MG01003101	input	110-230 V 50-60 Hz
size	50 x 32 x 40 cm 15 kg	power consumption	850 W
tanks	2 L pyrex glasses	rectifier	20 A - 12 V
anodes	1 stainless steel + 1 Ti/Pt	plate function	1 room temp + 1 heater/stirrer

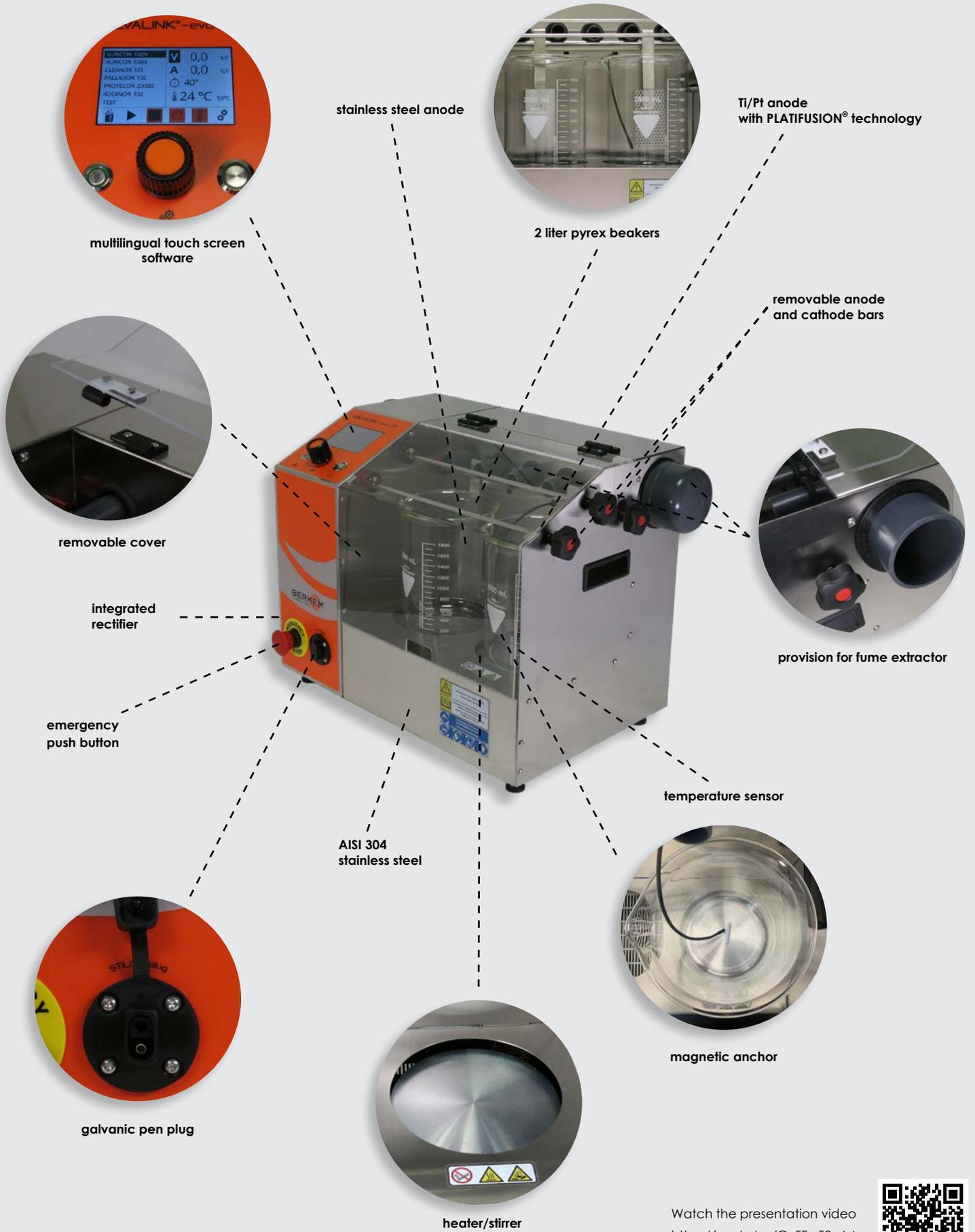
GALVALINK®-evo 2S

2 liter satellite unit



code	MG01007601	input	110-230 V 50-60 Hz
size	50 x 32 x 40 cm 15 kg	power consumption	1100 W
tanks	2 L pyrex glasses	plate function	2 heater/stirrer
anodes	2 Ti/Pt		

GALVALINK®-evo 2B



multilingual touch screen software



stainless steel anode

Ti/Pt anode with PLATIFUSION® technology

2 liter pyrex beakers

removable anode and cathode bars



removable cover



provision for fume extractor

integrated rectifier

emergency push button

temperature sensor

AISI 304 stainless steel



magnetic anchor



galvanic pen plug



heater/stirrer

Watch the presentation video
<https://youtu.be/Cy5Fxr53nAA>





Accessories

code

PEN KIT GALVALINK®-evo	Kit for pen plating depositions with GALVALINK®-evo machinery	VA01010301
FUME EXTRACTOR KIT	Fume extractor kit for GALVALINK®-evo line machinery	VA01010401
JIGLINK-evo KIT	modular rack (top + extension)	VA01010801
JIGLINK-evo TOP	top for rack	VA01010802
JIGLINK EXTENSION	extension for rack	VA01010701
JIG-24H	compact plating rack for 1-3 L tanks - 24 hooks (7 x 21 cm)	VA01011001



Spare parts

code

SPARE 304-ANTIPT10X5	Ti/Pt anode for for precious metal solutions (10 x 5 h cm)	VA01002701
SPARE 305-ANST302B5	stainless steel anode for degreasing (10 x 5 h cm)	VA01003501
SPARE 307-ANIR10X5	Ti/Ir anode for anti-tarnish solutions (10 x 5 h cm)	VA01006601
SPARE 302-REDCAB30	red cable for plating connections (32A - 100 cm) - plug connection	VA01002201
SPARE 303-BLK CAB30	black cable for plating connections (32A - 100 cm) - plug connection	VA01002301
SPARE 316-REDCAB30	red cable for plating connections (32A - 100 cm) - ring connection	VA01009301
SPARE 317-BLK CAB30	black cable for plating connections (32A - 100 cm) - ring connection	VA01009401
SPARE 318-CRPLUG30	crocodile plugs for plating connections (couple red/black max 30 A)	VA01009501
SPARE 308-PYREX2L	2 L graduated pyrex beaker	VA01004101
SPARE 309-AM6X35	medium magnetic anchor (0.6 x 3.5 cm)	VA01008201



POWER-evo

rectifiers for plating use

POWER-evo 1220 is the new high-linearity 12 V – 20 A rectifier for plating processes, engineered to deliver highly stable current output, reduce burning and enhance coating uniformity ensuring reliable results throughout every stage of the plating process.

The interface combines a multilingual touch screen with a digital encoder, enabling immediate and precise control of operating parameters and functions. Proprietary electronics and in-house-developed software ensure accurate current regulation, repeatable results and support for future firmware upgrades. Pre-set and customizable recipes streamline setup for professional plating.

Compact, lightweight design with AISI 304 stainless-steel chassis for durability and easy cleaning.

- Improved deposit uniformity
- Reduced burning
- Recipe-based parameter control
- Integrated monitoring and consumption calculation
- Replenisher refill alerts
- Intuitive operation
- Simplified maintenance



POWER-evo 1220 digital programmable rectifier



code MG01007701

volt - ampere 12 V - 20 A

size 40 × 18,5 × 16,5 cm | 2,5 kg

input 110-230 V | 50-60 Hz

power consumption 600 W

FAN OVENS

designed for cataphoresis

A range of fan ovens for general drying use and for baking cataphoretic paints or enamels. The line comprises both small bench ovens and large professional ovens.



product	temperature	absorption	capacity	size	code
HEATER 303	50 / 300 °C	2600 W	25 L	44 x 54 x 49 h cm	MG01005801
HEATER 304	50 / 300 °C	2800 W	45 L	59 x 70 x 59 h cm	MG01005901
HEATER 306	100 / 275 °C	16 kW	90 L	94 x 93 x 115 h cm	MG01006101

INDUSTRIAL GALVANIC PLANTS

from need to production line

Berkem designs and manufactures industrial galvanic plants based on the specifications provided by the customer and the related needs in terms of process, space, product and investment. Thanks to the technical expertise in the galvanic process, Berkem guarantees optimized and complete processing cycle projects, assessing any integrated automation systems where required or recommended.

The main feature of Berkem galvanic systems is the modularity that allows the process to be adapted over time to the production capacity of the customer or to the different market requirements.

- Easy-to-use digital interface
- Durable and quality materials and components
- Antacid coatings
- 100% Made in Italy



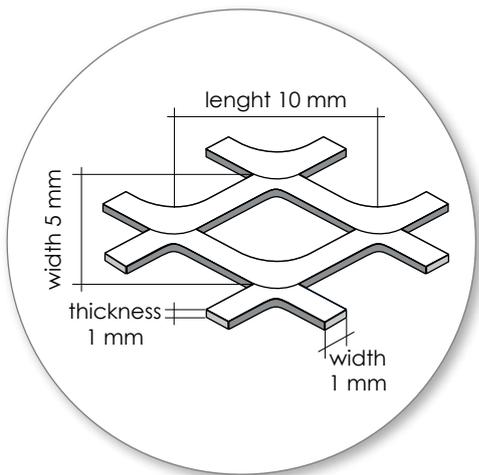
PLATIFUSION®

insoluble anodes

PLATIFUSION® is the advanced fusion/diffusion treatment based on pure platinum for treating titanium mesh insoluble anodes for electrochemical and industrial applications.

PLATIFUSION® is a technology by Berkem Srl covered by trade secret and registered trademark. Insoluble anodes require inert material on their surface and pure platinum is the best choice: it is resistant to corrosion and 100% recyclable and recoverable.

Platinized titanium mesh anodes with PLATIFUSION® technology have a slightly higher initial purchase cost than RuMMO mixed oxide anodes, but if we consider the entire life cycle of the anode, the convenience moves decidedly towards PLATIFUSION® anodes. Moreover, their duration over time is superior thanks to the typical features of the PLATIFUSION process.



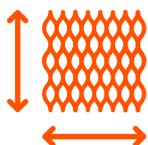
- **LONG LIFE: THICKNESS UNIFORMITY** (up to 5 microns) which increases the lifetime
- **EFFICIENCY: COMPACTNESS AND PERFECT ADHERENCE** which improve the quality of the depositions of metal
- **VERSATILITY: LOWER POROSITY** of the mesh which makes it possible to use the same anode in different solutions without causing pollution
- **EASY MAINTENANCE: LESS ROUGHNESS** which facilitates washing after use
- **QUALITY: LOWER ROUGHNESS** of the platinum deposit underlines the quality of the production process

Infinitely Circular Anodes is the regeneration service for exhausted platinized titanium mesh anodes with PLATIFUSION® treatment

- no metal waste
- low environmental impact
- total recovery of the titanium meshes
- maximum saving
- infinite life cycle of the anode



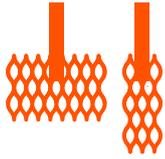
circular by design



Custom insoluble anodes

PLATIFUSION is available for insoluble anodes of fully customizable shape, thickness and size in fast delivery terms.

metal base	Ti grade 1
shape of the base	mesh 5 x 10 x 1 x 1 mm
sizes	custom assemblable modules max 40 x 80 x 0.1 cm
surface factor	1.2
Pt thickness	1 - 5 µm
Ti stem	max 100 x 2 x 0.15 cm max 100 x 3 x 0.15 cm



Special insoluble anodes

PLATIFUSION includes a range of insoluble electrodes in platinized titanium mesh, with standard shapes and sizes, specifically designed for the use of galvanic solutions based on precious metals in tanks from 1 to 300 liters.

metal base	Ti grade 1
shape of the base	mesh 5 x 10 x 1 x 1 mm
surface factor	1
Pt thickness	2.5 µm
Ti stem	25 x 2 x 0.15 cm



Horizontal

	size	beaker	code
PLATIFUSION 510H	5 x 10 cm	1 L	AN02000101
PLATIFUSION 515H	5 x 15 cm	2 L	AN02000102
PLATIFUSION 520H	5 x 20 cm	5 L	AN02000103



Curved

	size	beaker	code
PLATIFUSION 510SC	5 x 10 cm	1 L	AN02000401
PLATIFUSION 515SC	5 x 15 cm	2 L	AN02000402
PLATIFUSION 520SC	5 x 20 cm	5 L	AN02000403



Cylindrical

	size	beaker	code
PLATIFUSION 4095C	4 x Ø 9.5 cm	1 L	AN02000501
PLATIFUSION 5125C	5 x Ø 12.5 cm	2 L	AN02000502
PLATIFUSION 7165C	7 x Ø 16.5 cm	5 L	AN02000503



Vertical

	size	beaker	code
PLATIFUSION 510V	5 x 10 cm	1 L	AN02000201
PLATIFUSION 515V	5 x 15 cm	2 L	AN02000202
PLATIFUSION 520V	5 x 20 cm	5 L	AN02000203
PLATIFUSION 1020V	10 x 20 cm		AN02000301
PLATIFUSION 1025V	10 x 25 cm		AN02000302
PLATIFUSION 1030V	10 x 30 cm		AN02000303
PLATIFUSION 1035V	10 x 35 cm		AN02000304
PLATIFUSION 1040V	10 x 40 cm		AN02000305
PLATIFUSION 1045V	10 x 45 cm		AN02000306
PLATIFUSION 1050V	10 x 50 cm		AN02000307



Beaker Kit

	size	beaker	code
PLATIFUSION 510K1	5 x 10 cm	1 L	AN02000601
PLATIFUSION 510K2	5 x 15 cm	2 L	AN02000602
PLATIFUSION 510K5	5 x 20 cm	5 L	AN02000603

OTHER ANODES

A complete range of different metal anodes for galvanic use: mixed metal oxide of ruthenium and iridium, electrolytic copper, copper-phosphorus, oxygen-free copper, electrolytic nickel, graphite and pure silver anodes.



product		size	code
ANODE 205GRF	graphite anode	customized	AN01000101
ANODE 206NI	nickel - electrolytic anode	customized	AN01000201
ANODE 207CU-DHP	copper - DHP electrolytic anode	customized	AN01000401
ANODE 207CU-OFHC	copper - oxygen free anode	customized	AN01000601
ANODE 208CU-P	copper - phosphorus anode	customized	AN01000701
ANODE 202MMO-Ru	MMO Ti/Ru mesh grid anode	customized	AN01000301
ANODE 202MMO-Ir	MMO Ti/Ir mesh grid anode	customized	AN01001001
ANODE 204AG	pure Ag anode	customized	AN01000901



CATAFOR

high performance cathophoretic lacquers

CATAFOR 600 is a cathophoretic coating process designed for those seeking performance, aesthetics and reliability in a single solution.

The transparent cathophoretic lacquer, **CATAFOR 600BS | 600CS**, forms a crystal-clear, scratch-resistant coating that safeguards and enhances a wide variety of metals, including silver, brass and gold, without altering their visual integrity.

It provides a long-lasting, non-yellowing barrier that effectively prevents tarnish, especially on silver and other oxidation-sensitive metals.

The finish is ultra-thin, uniform and self-limiting, preserving the original detail and brilliance of each design.

Developed for the jewelry and fashion accessory, it sets a new standard in surface finishing combining invisible protection and visible perfection in one seamless solution.

Technical Excellence in every layer:

- Available in ready-to-use or concentrated forms
- No DGR classification – easy and cost-effective logistics
- Self-leveling and self-limiting application
- Non-yellowing – perfect clarity even on silver
- Up to 5 H hardness – outstanding resistance to abrasion
- Curing from just 125 °C – energy-saving and surface-safe
- Compatible with post-dyeing for wonderful aesthetic effects

The **CATAFOR 600 Post Dyes** line unlocks full creative freedom, offering vibrant, long-lasting color options without compromising protection.

These solvent-based dyes penetrate the transparent cathophoretic coating, infusing the surface with rich, vivid tones that make each piece truly unique, because color is more than decoration, it's a statement of identity.

Whether you're designing minimalist pieces or bold, statement jewelry, the system lets you enhance gemstones, accentuate details and create stunning contrasts between metal and color.

OPERATIONAL SETTINGS

 30-60 sec
time

 28-30° C
temperature

 0 - 35 V
voltage

 stainless steel
anode

POST DYE SETTINGS

 30-120 sec
time

 25-30° C
temperature

COOKING SETTINGS

 30 min
time

 120-160° C
temperature

Protective cathophoretic lacquers

product	description	color	form	packaging	code
CATAFOR 600BS	water-based cathophoretic lacquer - transparent		ready to use	1 L	VE01008001
CATAFOR 600CS	water-based cathophoretic lacquer - transparent		concentrated	10 L	VE01006801
CATAFOR 610	colored cathophoretic lacquer - deep black		ready to use	1 L	VE01008201
CATAFOR 620	colored cathophoretic lacquer - deep white		ready to use	1 L	VE01008301

product

CATAFOR 600 Post Dyes

product	color	code	form	packaging
600-01 Yellow		VE01007101	ready to use	1L
600-02 Red		VE01007201	ready to use	1L
600-03 Blue		VE01007301	ready to use	1L
600-04 Gold		VE01007401	ready to use	1L
600-05 Green		VE01007501	ready to use	1L
600-06 Black		VE01007601	ready to use	1L
600-07 Violet		VE01007701	ready to use	1L
600-08 Orange		VE01007801	ready to use	1L
600-09 Brown		VE01007901	ready to use	1L

Additives

product	description	form	packaging	code
CATAFOR 600S	solvent	concentrated	1 L	VE01006901
CATAFOR 600C	wetting additive for pre and post dyes	concentrated	100 ml	VE01008101
CATAFOR 600W	wetting additive for rinses	concentrated	100 ml - 1 L	VE01007001



ENALOR

decorative enamels and hardeners

ENALOR is a range of two-component cold enamels with high technical features obtained by mixing only high quality epoxy resins which can be polished / lapped and laser marked after hardening.

The ENALOR enamels, even if they are considered "cold type", require a baking in a fan oven with controlled temperature in order to become hard. All ENALOR enamels are heavy metals free and comply with EN 71 part 3;1994 and annexes of 2000 and AC 2002.

product	opaque cold bicomponent enamels			packaging
ENALOR 100 line				1 kg - 250 g
 101B basic white 1 kg SM01000201 250 g SM01000202	 102 transparent white 1 kg SM01000301 250 g SM01000302	 103 white cream 1 kg SM01000401 250 g SM01000402	 104 white ivory 1 kg SM01000501 250 g SM01000502	
 105 dirty white 1 kg SM01000601 250 g SM01000602	 106B basic lemon yellow 1 kg SM01000701 250 g SM01000702	 107B basic yellow 1 kg SM01000801 250 g SM01000802	 108 dark yellow 1 kg SM01000901 250 g SM01000902	
 109B basic olive green 1 kg SM01001001 250 g SM01001002	 110 orange 1 1 kg SM01001101 250 g SM01001102	 111 orange 2 1 kg SM01001201 250 g SM01001202	 112B basic orange 1 kg SM01001301 250 g SM01001302	
 113B basic orange 1 kg SM01001401 250 g SM01001402	 114 light pink 1 kg SM01001501 250 g SM01001502	 115 pink 1 kg SM01001601 250 g SM01001602	 116 light red 1 kg SM01001701 250 g SM01001702	
 117B basic red 1 kg SM01001801 250 g SM01001802	 118 red 1 kg SM01001901 250 g SM01001902	 119 red 1 kg SM01002001 250 g SM01002002	 120 red 1 kg SM01002101 250 g SM01002102	
 121B basic bordeaux 1 kg SM01002201 250 g SM01002202	 122 dark red 1 kg SM01002301 250 g SM01002302	 123 violet 1 kg SM01002401 250 g SM01002402	 124B basic dark purple 1 kg SM01002801 250 g SM01002802	
 125 light green 1 kg SM01002601 250 g SM01002602	 126 medium green 1 kg SM01002701 250 g SM01002702	 127 dark green 1 kg SM01002901 250 g SM01002902	 128 emerald green 1 kg SM01003001 250 g SM01003002	
 129 moss green 1 kg SM01003101 250 g SM01003102	 130B basic night green 1 kg SM01003201 250 g SM01003202	 131 light blue 1 kg SM01003301 250 g SM01003302	 132 turquoise 1 kg SM01003401 250 g SM01003402	

	133 sea blue 1 kg SM01003501 250 g SM01003502		134 blue 1 kg SM01003601 250 g SM01003602		135 blue 1 kg SM01003701 250 g SM01003702		136 blue 1 kg SM01003801 250 g SM01003802
	137 blue 1 kg SM01003901 250 g SM01003902		138B basic night blue 1 kg SM01004001 250 g SM01004002		139B basic blue 1 kg SM01004101 250 g SM01004102		140 dark blue 1 kg SM01004201 250 g SM01004202
	141 blue 1 kg SM01004301 250 g SM01004302		142B basic blue black 1 kg SM01004401 250 g SM01004402		143 rotten green 1 kg SM01004501 250 g SM01004502		144B basic yellow ochre 1 kg SM01004601 250 g SM01004602
	145 brick red 1 kg SM01004701 250 g SM01004702		146B basic coral red 1 kg SM01004801 250 g SM01004802		147 brick red 1 kg SM01004901 250 g SM01004902		148 brown 1 kg SM01005001 250 g SM01005002
	149 brown 1 kg SM01005101 250 g SM01005102		150 brown 1 kg SM01005201 250 g SM01005202		151 dark brown 1 kg SM01005301 250 g SM01005302		152 dark brown 1 kg SM01005401 250 g SM01005402
	153 black brown 1 kg SM01005501 250 g SM01005502		154 light grey 1 kg SM01005601 250 g SM01005602		155 dark grey 1 kg SM01005701 250 g SM01005702		156 stone grey 1 kg SM01005801 250 g SM01005802
	157B basic black 1 kg SM01005901 250 g SM01005902		158 black green 1 kg SM01006001 250 g SM01006002				

product

packaging

ENALOR 200 line

transparent cold bicomponent enamels

1 kg - 250 g

	215 neutral 1 kg SM02001601 250 g SM02001602		201 marc red 1 kg SM02000201 250 g SM02000202		202 fluorescent yellow 1 kg SM02000301 250 g SM02000302		203 fluorescent red 1 kg SM02000401 250 g SM02000402
	204 fluorescent pink 1 kg SM02000501 250 g SM02000502		205 fluorescent green 1 kg SM02000601 250 g SM02000602		206 turquoise 1 kg SM02000701 250 g SM02000702		207 ivory 1 kg SM02000801 250 g SM02000802
	208 yellow 1 kg SM02000901 250 g SM02000902		209 yellow 1 kg SM02001001 250 g SM02001002		210B basic dark yellow 1 kg SM02001101 250 g SM02001102		211 orange 1 kg SM02001201 250 g SM02001202
	212 light red 1 kg SM02001301 250 g SM02001302		213B basic red 1 kg SM02001401 250 g SM02001402		214 medium red 1 kg SM02001501 250 g SM02001502		216B basic dark grey 1 kg SM02002001 250 g SM02002002
	217 light pink 1 kg SM02002101 250 g SM02002102		218 lilac 1 kg SM02002201 250 g SM02002202		219 violet 1 kg SM02002301 250 g SM02002302		220 green 1 kg SM02002401 250 g SM02002402

 221 dark green 1 kg SM02002501 250 g SM02002502	 222 light green 1 kg SM02002601 250 g SM02002602	 223 emerald green 1 kg SM02002701 250 g SM02002702	 224 light blue 1 kg SM02002801 250 g SM02002802
 225 light blue 1 kg SM02002901 250 g SM02002902	 226 light blue 1 kg SM02003001 250 g SM02003002	 227B basic sea blue 1 kg SM02003101 250 g SM02003102	 228B basic blue 1 kg SM02003201 250 g SM02003202
 229B basic brown 1 kg SM02003901 250 g SM02003902	 230 gold 1 kg SM02003401 250 g SM02003402	 231 grey 1 kg SM02003501 250 g SM02003502	 232B basic black 1 kg SM02003601 250 g SM02003602
 233B basic black 1 kg SM02003701 250 g SM02003702	 234B basic red 1 kg SM02003801 250 g SM02003802		

product

packaging

ENALOR 300 line

special enamels and additives

1 kg - 250 g

 301 white mother of pearl 1 kg SM03002001 250 g SM03002002	 302 gold glitters L size 1 kg SM03000301 250 g SM03000302	 303 gold glitters M size 1 kg SM03000401 250 g SM03000402	 304 silver glitters L size 1 kg SM03000501 250 g SM03000502
 305 silver glitters M size 1 kg SM03000601 250 g SM03000602	 306 matt metallic light silver 1 kg SM03000701 250 g SM03000702	 307 matt metallic light gold 1 kg SM03000801 250 g SM03000802	 308 matt metallic deep gold 1 kg SM03000901 250 g SM03000902
 309 matt metallic pink gold 1 kg SM03001001 250 g SM03001002	 310 matt metallic red gold 1 kg SM03001801 250 g SM03001802		

product

packaging

ENALOR 400 line

hardeners for cold enamels

1 kg - 250 g

 405 neutral 1 kg SM04000501 250 g SM04000502 plain pieces without border, lens effect	 406 neutral 1 kg SM04000601 250 g SM04000602 flat surfaces (room temperature)	 408 neutral 1 kg SM04000801 250 g SM04000802 flat surfaces	 401 neutral 1 kg SM04000201 250 g SM04000202 curve surfaces level 1
 410 neutral 1 kg SM04001001 250 g SM04001002 curve surfaces level 2	 411 neutral 1 kg SM04001101 250 g SM04001102 curve surfaces level 3	 412 neutral 1 kg SM04001201 250 g SM04001202 curve surfaces level 4	 407 neutral 1 kg SM04000701 250 g SM04000702 flexible plastifiers



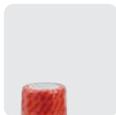
MASKING LACQUERS



Two different solutions, that can be used both with cataphoresis and with traditional plating process, are appropriate to obtain the multichromy on the object to be treated.

The masking lacquers are distinguished for their ease of use: they can be removed manually by peeling or dissolving them in a solvent.

product		colour	packaging	code
BICOLOR R20	soluble masking lacquer	red	100 g - 1 kg	VE04000201
CATAFOR 100M	masking lacquer for cataphoretic coating (peeling-off)	light blue	60 ml	VE04000301



CONDUCTIVE LACQUERS



METALCOR is a conductive lacquer based on highly purity colloidal silver capable of making conductive substrates of nonconductive nature such as plastics, wax, resin, wood, glass.

METALCOR is used before plating treatments to metallized surfaces. METALCOR is characterised by its ease of use and for the extraordinary distribution on treated parts by brush or airbrush.

product		colour	packaging	code
METALCOR 100V-1KG	concentrated silver based conductive lacquer	silver	1 kg	VE02000101
METALCOR 100V	concentrated silver based conductive lacquer	silver	100 ml	VE02000102
METALCOR 100D-1L	thinner for silver based conductive lacquer		1 L	VE02000201
METALCOR 100D	thinner for silver based conductive lacquer		100 ml	VE02000202



Explore our B2B online shop

700+ products ready
for quick and secure purchase



THINK. SHAPE. PLATE.

Berkem srl | Headquarters

Via della Provvidenza, 63
35030 Rubano (PD) Italy
T + 39 049 87 78 072

info@berkem.it
www.berkem.it



Berkem MEA Kimya Limited Şirketi

Yakuplu Mahallesi, Birlik Caddesi, Beysan Sanayi Sitesi,
Toplu yapı yönetimi no. 32, İç kapi no. 36 Beylikdüzü,
İstanbul Türkiye

T +90 (0) 212 955 06 54
turkey@berkem.it