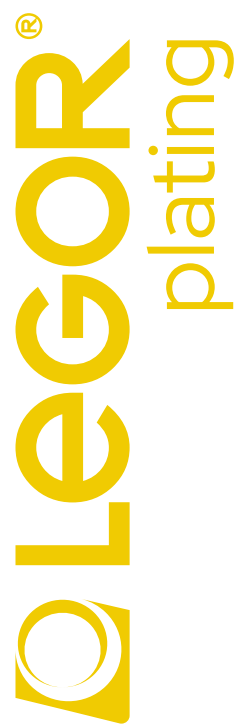


ALLEGOR[®]

plating

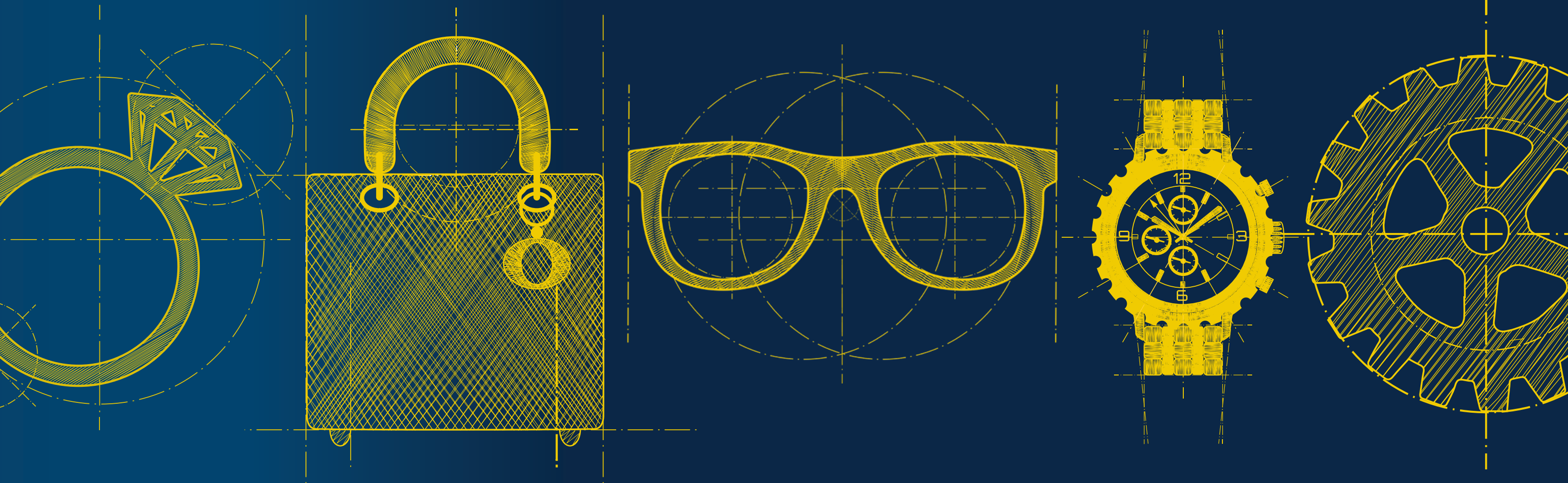


PRODUCT CATALOGUE

DO YOU HAVE
A SPECIAL IDEA?
LET US WORK
TO MAKE IT REAL

You are free to think out of the box.
Envision your chance for unique-
ness: we will work with you and
find the right technical solutions
to make it come true.

plating



OUR PHILOSOPHY

RESPONSIBILITY FIRST

One of the founding principles of Legor is CARE: taking care of the world around us and the people who live in it. This is where sustainability comes into play. The path to prove ourselves responsible towards the new generations is accomplished with the choice of a sustainable approach towards the Planet and the People: small but well aligned steps, up to the RJC CoC (Chain of Custody) certification. This way we offer our customers the guarantee they need on the origin of precious metals and on their traceability throughout the production and supply chain. But our choice is to go even further:

Legor Group S.p.A. products contain only & exclusively 100% RJC CoC and 100% recycled precious metals.



ANALYTICAL SUPPORT

Our in-house labs perform analysis ranging from simple chemical titration to intrinsic metallic examination.

We are equipped internally to perform Nickel release tests and all the most important climatic and abrasion tests, conform to the requirements of international regulations.

Being specialized in metallurgy, we can ensure product control from the base metal to the final plating layer.

TECHNICAL SUPPORT

Our technical service is always available to help you optimizing the use of each product in your specific process application, in order to grant customized solutions that enable our customers to meet their goals.

PRE-TREATMENTS LINE

DECORATIVE LINE
BASE & PRECIOUS METALS

ANTI-CORROSION LINE

LACQUERS LINE
CATAPHORETIC & DIPPING

POST-TREATMENTS
AND AUXILIARIES

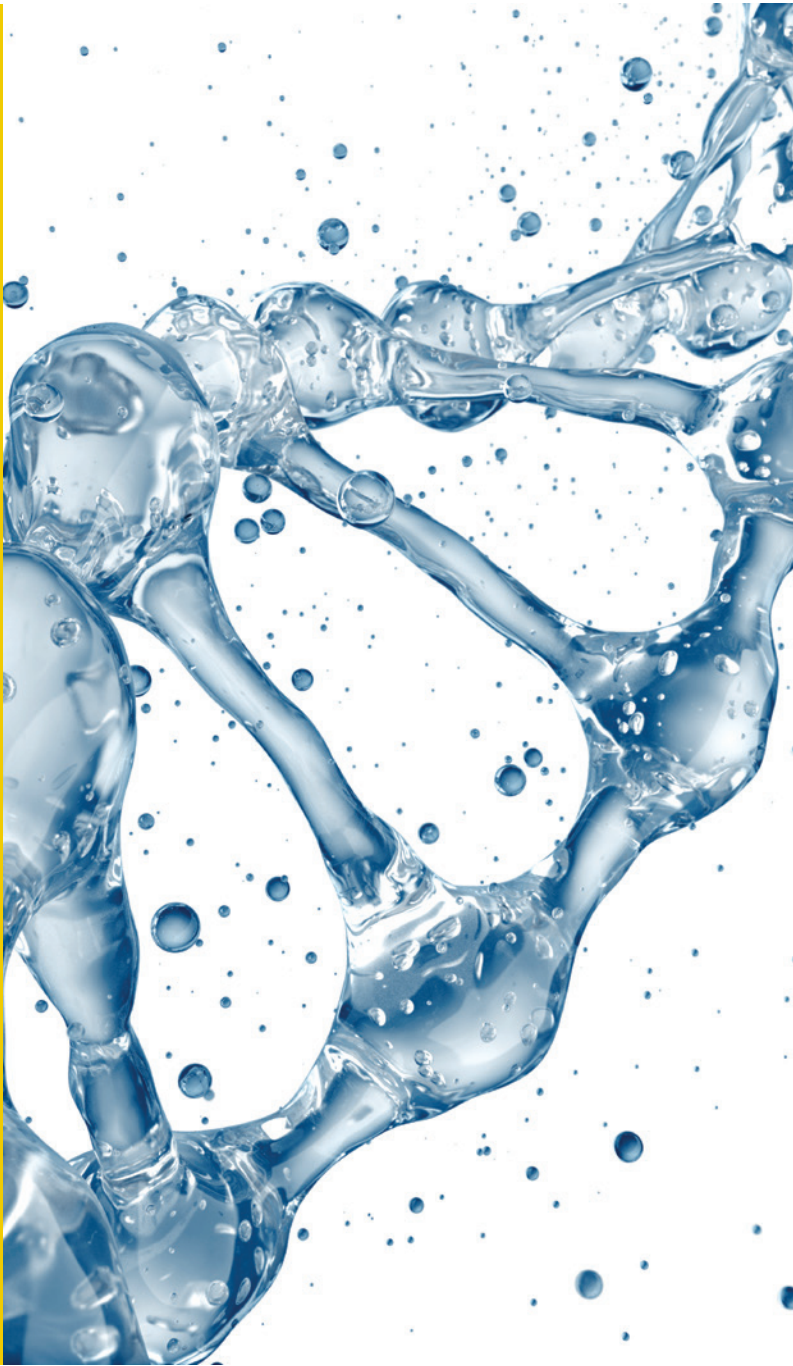


PRE-TREATMENTS LINE

ULTRASONIC
SOAPS

DEGREASING
SOLUTIONS AND
POWDERS

ACTIVATIONS



PRE-TREATMENTS

Focus on
NEATECH LINE

	SYSTEM	BASE METAL	DESCRIPTION
ULTRASONIC SOAPS	RADIAL 90/3 962464	Gold and Silver alloys	Liquid soap for ultrasonic use specific for Silver and Gold.
	NEATECH503US	Silver, Copper alloys and Steel	Liquid cleaner for ultrasonic universal application.
	NEATECH507US	Silver, Copper alloys and Steel	Universal powder degreasing for Iron-based metals, Copper and Copper alloys.
CHEMICAL DEGREASING	NEATECH504SL	Iron-based metals, Copper and Cop-per alloys	Liquid degreasing for Iron-based metals, Copper and Copper alloys.
	NEATECH544UN	Iron-based metals, Copper and Cop-per alloys	Powder degreasing for Iron-based metals, Copper and Copper alloys.
	NEATECH550PE	Iron based metals, Copper and Cop-per alloys	Electroless degreasing powder to remove oils and pastes.
ELECTROLYTIC DEGREASING	NEATECH505AC	Steel, stainless Steel and Copper alloys	Universal acidic degreasing; room T° application.
	NEATECH501UN	Silver, Copper al-loys and Zinc alloys	Universal degreasing powder for Zamak and Copper-based alloys (chemical use also).
	NEATECH506EL	Iron-based metals, Copper and Cop-per alloys	Universal electrolytic liquid degreasing cathodic and anodic for Iron-based materials, Copper and Copper alloys.
	NEATECH525FE	Iron-based metals	Electrolytic degreasing powder for Iron-based materials.
	NEATECH510PE	Iron based metals and Copper alloys	Electrolytic degreasing powder with excellent emulsifier power for oils and greases, with high tendency for oxides removal.
ACTIVATIONS	NEATECH598ZN	Zinc alloys	Pickling solution for Zinc and its alloys. Excellent to be used as an activator of Bronze plating layers, before proceeding with further precious plating layers, thanks to the addition of an activating additive NEATECH599AD .
	NEATECH514AT	Iron-based metals	Activation for Nickel plating deposits, without surfactants.
	AT101ZN	Zinc and Zinc alloys	Pickling solution for Zinc and its alloys.
	AT102CU	Copper and Copper alloys	Pickling salts for Copper.
	SATT	Silver, Copper alloys and Steel	Neutralization and activation acidic salt for universal use.

PRE-TREATMENTS

Focus on
ALUMINUM LINE

	SYSTEM	BASE METAL	DESCRIPTION
SPECIALTIES FOR ALUMINUM	NEATECH580AL	Aluminum	Liquid chemical degreasing for Aluminum.
	NEATECH581AL	Aluminum	Powder chemical degreasing for Aluminum (with borates).
	NEATECH601AL	Aluminum	Pickling solution with hydrogen peroxide.
	BONDIX531CN	Aluminum	Zincate cyanide-based activator for Aluminum.
	BONDIX521AL	Aluminum	Zincate cyanide-free activator for Aluminum.



DECORATIVE LINE

BASE METALS

ACIDIC AND
ALKALINE
COPPER

BRIGHT NICKEL

BRONZES



COPPER

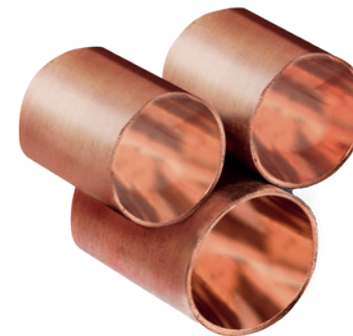
Focus on
CUBASE and **DECOP** SYSTEMS

ALKALINE COPPER: CUBASE SYSTEM

- Cyanide Copper strike bath.
- No Potassium hydroxide in the formulation.
- Excellent for the pretreatment of Zinc alloys.

ACIDIC COPPER: DECOP SYSTEM

- Exceptional levelling power at all current density areas.
- Very bright deposit.
- Excellent throwing power even at 33°C working temperature.
- No micro-spotting at high thicknesses.



NICKEL

Focus on
NIGLOSS

BRIGHT NICKEL: NIGLOSS SYSTEM

- Last generation of bright, Nickel process.
- Process for static and rotobarrel.
- With its brightener system, it provides un-matched flexibility in terms of levelling and throwing power.



BRONZES

Focus on
**VEGA-W, VEGA-48W ROTOBARREL
AND VEGA-Y SYSTEMS**

**WHITE BRONZE:
VEGA-W48B STATIC SYSTEM**



- Extremely white in color.
- Lead&Nickel free barrier for Copper substrates.
- Optimum balance of metals in the alloy.
- Easy maintenance and analytical method.
- Longer lifetime of the bath.

**WHITE BRONZE:
VEGA-W48ROTO BARREL SYSTEM**

- White in color Lead&Nickel free process.
- Specific formula for roto barrel application.
- Improved tarnishing resistance.
- High deposition speed.
- Easy maintenance and analytical method.
- Longer lifetime of the bath.

**YELLOW BRONZE:
VEGA-Y61 STATIC SYSTEM**

- Pale yellow color.
- Good barrier for Copper substrates.
- Easy maintenance and analytical method.



VEGA BRONZE

LEAD AND NICKEL FREE

WHITE BRONZE ELECTROLYTIC PROCESS:

- **For decorative purposes**
It produces extremely white and bright layers, used as final layer = economic alternative to Rh and Pd.
- **For technical purposes**
It can be used as substrate for: Palladium, Palladium-Nickel, Silver plating, general Gold plating, trivalent Chrome plating.

Features:

- Fast deposition
- Brilliant, extremely white deposit without stains
- Easy to maintain over time



DECORATIVE LINE

PRECIOUS METALS

GOLD
FLASH
STRONG
TECH

SILVER

PALLADIUM

PLATINUM

RHODIUM

RUTHENIUM



GOLD

Focus on
STRIKEGOLD and **FLASHGOLD**

	SYSTEM	Alloying metal composition	pH	Description
STRIKE GOLD SYSTEM	AURINOX	Au	acidic	Gold strike bath–Stainless Steel activator WITHOUT Cobalt.
	FLASHGOLD	Au – Ni – Co – Ag in the desired proportion	alkaline	Customizable Gold flash alkaline electrolyte (from light pale yellow to pink)–Optimum distribution and throwing power–Thickness up to 0,2 micron.
	FLASHGOLD-EVO	Au-Fe – Cu in the desired proportion	alkaline	Customizable Gold flash alkaline electrolyte complitely free from Nickel and free cyanide. Colors from light yellow to pink–Healthier working conditions, consistancy of the color Thickness up to 0,2 micron.
	FLASHGOLD BROWN	Au – Ru – Cu	acidic	Nice brown color for flash decorative use – Nickel, Lead and Cadmium free 2 formulas available (with or without Ruthenium).

GOLD

Focus on
STRONGOLD SYSTEM

	SYSTEM	Alloying metal composition	pH	Description
GOLD MICRON: STRONGOLD SYSTEM	STRONGOLD-FE	Au 4,0 – Fe 0,1 – in 0,4 g/l	acidic	3N Gold color–100% hypoallergenic –Thickness up to 3 micron–Nickel, Cobalt and Cadmium free–Contains no free cyanide.
	STRONGOLD-05N	Au 2,0 – Ni 10,0 g/l	acidic	Light yellow Gold color–Thickness up to 3 microns–Lead and Cadmium free Contains no free cyanide.
	STRONGOLD-1N	Au 2,0 – Ni 2,5 – In 2,5 g/l	acidic	1N Gold color–Thickness up to 3 microns Lead and Cadmium free Contains no free cyanide.
	STRONGOLD-2N	Au 4,0 – Ni 2,5 – In 1,5 g/l	acidic	2N Gold color–Thickness up to 3 microns Lead and Cadmium free Contains no free cyanide.
	STRONGOLD-CO	Au 4,0 – Co 1,25 g/l	acidic	5N Gold color–Thickness up to 5 microns Lead, Nickel and Cadmium free. Contains no free cyanide.
	GOLDENROSE	Au Au 4,0 – Cu 2,0 g/L	acidic	Acidic rose Gold–Thickness up to 5 microns Excellent stability and repetability of the deposit; Nickel and Cadmium free; cyanide free.

GOLD

Focus on
STRONGOLD-TECH SYSTEM

	SYSTEM	Alloying metal composition	pH	Description
TECHNICAL GOLD: STRONGOLD-TECH SYSTEM	STRONGOLD-AUCOHS	Au 4,0 - Co 1,25 g/l	acidic	High-speed electrolyte based on Gold-Cobalt-Ideal for technical applications in which high hardness, conductivity and abrasion resistance are essential.
	STRONGOLD-GTNHG	Au 6-25 g/l	acidic	Thick Gold plating process particularly suitable for processing devices used in electronics- Extremely pure, compact deposit-good resistance to metal contamination.

SILVER

Focus on
AGLITE SILVER SYSTEMS

BRIGHT SILVER: AGILITE SYSTEM	<ul style="list-style-type: none">• Bright-mirror like deposit.• Extremely white color at very low current densities.• Ductility even at high thickness.• Excellent throwing power.• Works at higher temperature ranges through 33 °C without chiller.
SILVER MICRON: AGMICRON SYSTEM	<ul style="list-style-type: none">• Bright-mirror like deposit.• White color.• Ductility even at high thickness.• Excellent throwing power.• Possibility to add Selenium additive to increase hardness.



PALLADIUM

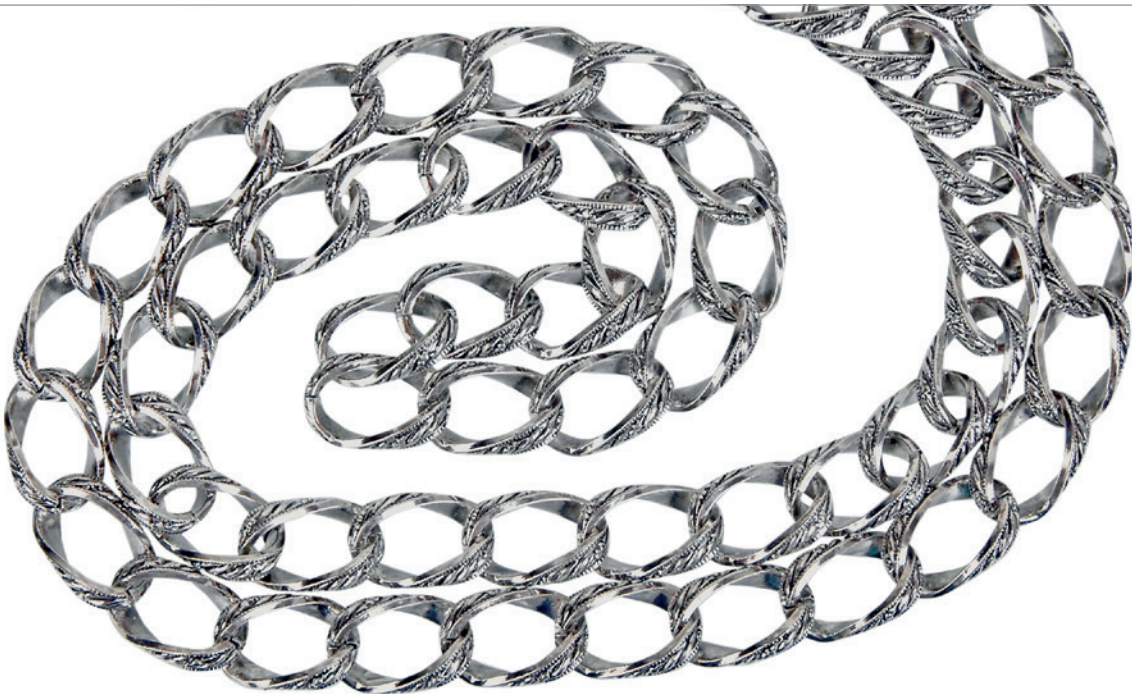
Focus on
PDSTARK, PDSTARK-NI AND PDSTARK-ST SYSTEMS

PURE PALLADIUM PDSTARK SYSTEM	<ul style="list-style-type: none">• New generation Palladium formula.• Total absence of free Ammonia.• pH stability and easy to use.
PURE PALLADIUM PDSTARK-ST SYSTEM	<ul style="list-style-type: none">• Traditional Palladium plating electrolyte.• Substitute for Nickel in the flash plating process.• Good barrier to Copper migration.
PALLADIUM NICKEL PDSTARK-NI SYSTEM	<ul style="list-style-type: none">• Palladium-Nickel bath.• High thickness achievable: excellent barrier against migration.• High resistance to metallic contamination such as Copper.• At controlled thickness the bath complies with Nickel release norms.• Extremely reliable and easy to maintain.

PALLADIUM

Focus on
PDSTARK-FE

PALLADIUM IRON PDSTARK-FE SYSTEM	<ul style="list-style-type: none">• Hypoallergenic Palladium-Iron bath (Nickel and Cobalt Free).• 100% REACH compliant.• 3 micron of thickness – without intermediate processing.• Superior Leveling Capabilities – 90/10 alloy throughout surface.• No Free Ammonia = pH balance.• High resistance to metallic contamination such as Copper.
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PLATINUM

Focus on
**PTPURE, PTLUX
AND PLATCORE SYSTEMS**

PURE PLATINUM PTPURE SYSTEM

- Pure Platinum flash plating solution.
- Flexible metal concentration.
- Designed for decorative applications.

PLATINUM-RUTHENIUM PTLUX SYSTEM



PLATINUM-RUTHENIUM PLATCORE SYSTEM

- Platinum-Ruthenium plating solution.
- Excellent white color : L*87 and reduced b* color coordinate.
- Can be used as a very cheap substitute of Rhodium.
- Can be used as a pre-layer before Rhodium.
- Great hardness and resistance to oxidation.
- Economic flash process.
- *L color coordinate closer to that of Palladium.
- Resistant to both abrasive and climatic tests.
- Totally Nickel and Ammonia free.
- Ideal as a sublayer before other precious metal finishes.



PTLUX

THE ALTERNATIVE TO RHODIUM PLATING

To face the fluctuation of Rhodium price we have conceived **PTLUX**, a new plating process alternative to Rhodium. PTLUX makes it possible to electrodeposit **Platinum** bonded in alloy with a minor percentage of **Ruthenium**.

PTLUX has been developed to obtain a precious white finishing, even whiter than pure Platinum, **at a lower price compared to Rhodium and less subject to market fluctuations.**

WHAT ARE THE FEATURES OF THIS ALLOY?

PT LUX

- Whiter color compared to pure Platinum (reduction of b* coordinate)
- Further savings compared to pure Platinum deposition
- Easy to use
- Good performance as intermediate layer before the final color finishing

THE COLOR OF PTLUX				
Process	L*	a*	b*	YI
Rhodium std	90	0,8	1,8	4,9
Platinum std	85,6	0,9	4,8	10,9
PTLUX	87	0,6	3,0	6,7
This new formula increases the brightness and whiteness of a standard Platinum deposit, to be as close as possible to a standard Rhodium deposit.				



RHODIUM

Focus on
ULTRABRIGHT, ULTRABRIGHT BLACK
and **RHLUX SYSTEMS**

WHITE RHODIUM ULTRABRIGHT SYSTEM

- White Rhodium with high throwing power.
- Replenishment done with Rhodium sulphate and brilliant compound separately or through pre-calibrated replenisher units.
- 5 different formulas available with calibrated content acidic and brightner, depending on customers' applications.

RHODIUM-RUTHENIUM RHLUX SYSTEM

- Rhodium-Ruthenium alloy (75%-25%).
- *L value color about 89,0.
- Excellent and cheaper alternative to standard Rhodium.
- Easy maintenance and replenishing system.

BLACK RHODIUM ULTRABRIGHT BLACK SYSTEM

- Black shining colored Rhodium.
- High throwing power and resistance.



RUTHENIUM

Focus on
JETBLACK and
ULTRABLACK-X SYSTEMS

ANTRACITE RUTHENIUM JETBLACK SYSTEM

- Color range form titanium grey to extra black color.
- Fastest depositing Ruthenium electrolyte.

EXTRA BLACK RUTHENIUM : ULTRABLACK-X SYSTEM

- Deep black color -L*38 (lower L* achievable if post-treated with e-coating).
- Arsenic free.
- REACH Compliant.

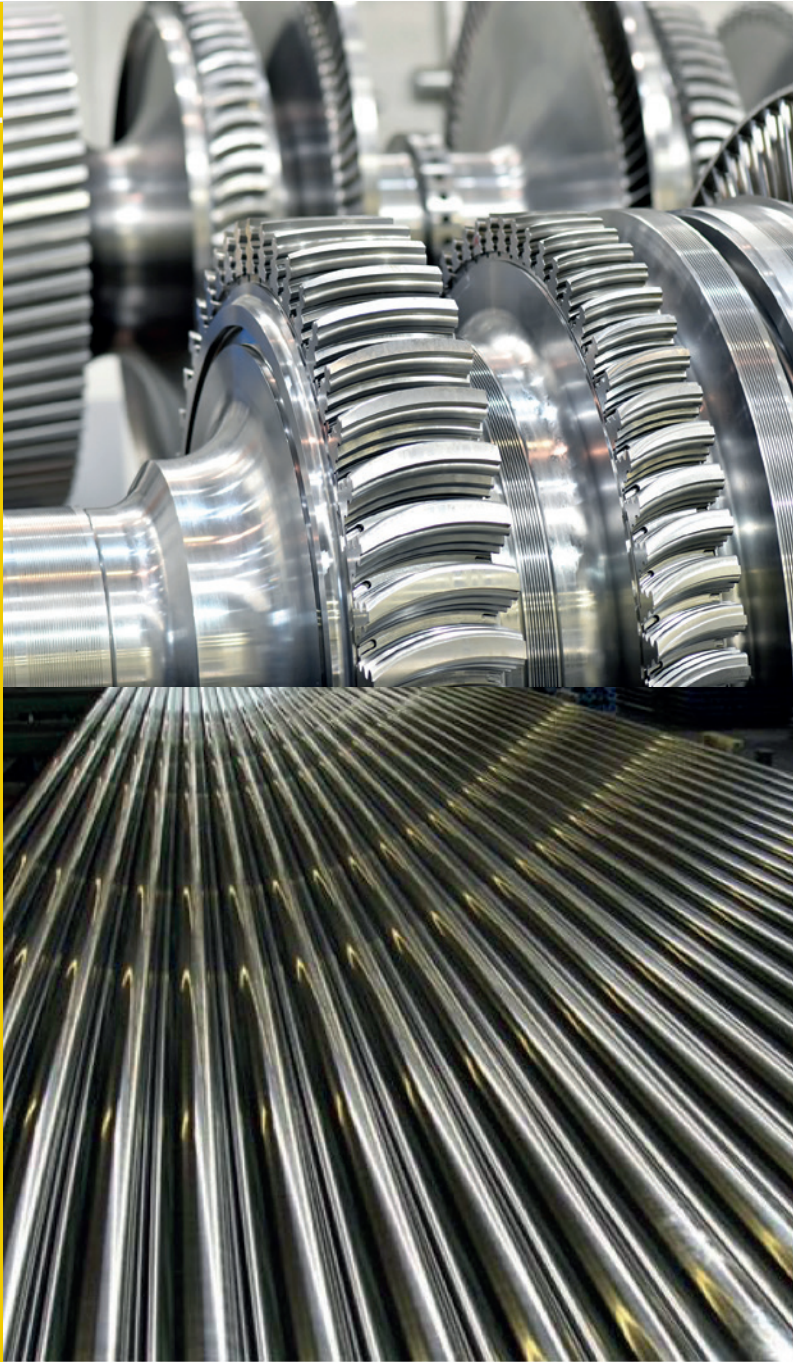


ANTI-CORROSION LINE

CHROME

ELECTROLESS
NICKEL

ZINC & ZINC
PASSIVATIONS



CHROME

Focus on
HARSH SYSTEM

HARD CHROME:
HARSH925 SYSTEM
HARSH975 SYSTEM

HARSH925CT is a Chromium plating process that works without the presence of fluorides inside the ready-to-use electrolytic solution thus limiting the Iron dissolution with the subsequent loosing of efficiency. It permits to obtain shiny and compact deposits with hardness around 1000HV. Its optimum efficiency arrives at 24% with a growing thickness rate of 1 micron per minute at 55 A/dm². Moreover, with this process, it is possible to save energy and treatment time until 35-40% with respect to those sulfate based solution. HARSH925 is not aggressive towards the anodes and it foresees the use of only two liquid additive for both set-up and maintenance operations. We finally have an additive that is called DECRO911AF which controls the surface tension of the Chromium solution in order to significantly reduce the formation of fumes during the Chromium plating. Available in more concentrated form as HARSH975CT.

DECORATIVE CHROME:
HARSH900 SYSTEM

HARSH900CT is a liquid catalyst for Chromium plating. It offers the advantage of a harder Chromium deposit with a color more Silver like than the traditional electrolytic systems. The system works with less concentration of sulfuric acidic. HARSH900CT, with respect to the Chromium system with solid catalyst, it is completely soluble and analyzable. Moreover it does not generate precipitated insoluble particles which can create troubles when the working solution is not in equilibrium with its own components.

BLACK CHROME:
HARSH933BL SYSTEM

Exhavalent black Chrome catalyst. Grants black, compact and uniform deposits. Two parts liquid system.

BLACK TRIVALENT CHROME:
HARSH933P SYSTEM

HARSH933P produces attractive, uniform Chromium electrodeposits suitable for decorative and functional purposes. Its final layer is applied to a bright, or if less sheen is required, satin Nickel deposit. Black Chromium may be applied directly to some corrosion resistant substrates, such as stainless Steel.



ELECTROLESS NICKEL

Focus on
NIDIP SYSTEM

NIDIP System offers low, medium and high Phos EN processes.

NIDIP840 LOW Phosphorous 2-4% Phos electroless Nickel.

NIDIP850 MEDIUM Phosphorous 7-9% Phos electroless Nickel.

NIDIP860 HIGH Phosphorous 10-12% Phos electroless Nickel.



- Main High Phos process features:
- Superior deposits passing the nitric acidic test.
 - Unique long life formulation.
 - Excellent corrosion resistance.
 - Excellent bath stability.
 - High ductility.
 - Minimal porosity over 30 µm.
 - Suitable for high thickness applications (> 200 µm).
 - Compressive stress (- 10 N/mm² to - 40 N/mm²).



ZINC & ZINC PASSIVATION

Focus on
ZIGRANT, ZIFEND
and
ZILAST SYSTEMS

ZINC	Acidic Zinc > ZIGRANT610.
	Alkaline Zinc with CN > ZIGRANT605.
	Alkaline Zinc CN-free > ZIGRANT600.
ZINC ALLOY	Zinc-Nickel > ZIPRO650.



ZINC PASSIVATION	• Blue high resistance > ZIFEN670 Cobalt free.
	• Blue > ZIFEND611BL trivalent Chrome-based for alkaline Zinc.
	• Iridescent HIGH resistance > ZIFEND660HR.
	• Iridescent > ZIFEND640 + ZIFEND640AD.
	• Black > ZIFEND618 (CN-free alkaline Zinc); ZIFEND628 (acidic Zinc).
	• Black > ZIFEND622 for Zinc-Nickel.
SEALERS	ZILAST System
	• ZILAST684 > inorganic sealer.
	• ZILAST685TC > trivalent Chrome sealer.



LACQUERS LINE

CATAPHORETIC
LACQUERS

DIPPING
LACQUERS




Jewelry creations by Orfega, Spain | www.orfega.com

CATAPHORETIC LAQUERS

Focus on
CERAMIX

CERAMIX



- Ceramic nano-particles are impregnated into this polyuretanic resin, improving abrasion resistance and the brilliance of the surface.
- No «Orange peel» defects.
- Undetectable uniform film thickness.
- 100% coverage of complex parts.
- Stable and easy maintenance in industrial production cycles.
- REACH & OSHA compliant.
- Compliant to all main climatic and abrasions tests.

TEST		
Salt Spray	EN ISO 9227: 2006-10	94 Hours
Neutral Salt Spray	ASTM B177	500 Hours
Active Chlorine Test	EN ISO 105 E03	48 Hours
Artificial Sweat Test	NFS 80772	24 Hours
Tioacetamide Test	ISO 4538 (IT)	144 Hours
Abrasion Test	EN 1247:2005	-
Adhesion Test	NF EN ISO 27874	Cross-Hatch, Scotch Tape Test
Thermal Shock	ASTM B 571	-
UV Resistance	-	120 Hours
Humid Heat (w&w/o Leather)	ISO 9022-2	96 Hours

TESTED IN ACCORDANCE WITH INTERNATIONAL STANDARD REGULATIONS

ADDITIVES FOR CERAMIX

MATTE AND
OPAQUE EFFECTS

CODES:		
NIVAL	1 Kg	White paste for e-coating
DARQUA	5 Kg	Black paste for e-coating
3019000	5 L	Matte additive

Transform polished surfaces into matte surfaces



CERAMIX

NANO-COMPOSIT
CERAMICS CATHAPHORESIS

Deposit designed for the protection of plating surfaces with low-medium thicknesses.

CERAMIX protects against oxidation and wear abrasion and is used as a final layer.

It is applied by cataphoresis and produces a deposit of 5 to 40 microns, completely transparent.

FEATURES AND BENEFITS:

- Presence of nano invisible parts of silica that give excellent resistance to the deposit.
- Extremely bright and lucid deposit with metallic effect.
- High resistance to climate tests required by international standards.
- Easy to maintain over time.



CATAPHORETIC LAQUERS

Focus on
KLIAR and
EASYCOATPRO SYSTEMS

KLIAR	<ul style="list-style-type: none">• Nanoceramic cataphoretic process.• Acrylic resin with elevated resistance to tarnish.• 5-25 micron of thickness achievable.• Suitable for every type of metal, particularly for chains.
EASYCOATPRO	<ul style="list-style-type: none">• Polyuretanic resin without nano particles.• No «Orange peel» defects and excellent distension on large flat surface areas.• Stable versus metallic contamination.• Non-yellowing resin system.• 5-35 micron of thickness achievable.• REACH & OSHA Compliant.

DYES

1 L size - pigment for nano e-coating

CODES:	
K-BLACK	Black
K-BLACKX	Extra black
K-BLU	Blue
K_BROWN	Brown
K-EMERALD	Emerald green
K-GREEN	Green
K-LEMON	Yellow
K-ORANGE	Orange
K-PINK	Pink
K-RED	Red
K-TRQ	Turquoise
K-VIOLET	Violet
K-YELLOW	Yellow

Additive for
KLIAR and
EASYCOATPRO SYSTEMS



POST-DIP LAQUERS

Focus on
KERAMIS
and **ACRIMM**

KERAMIS	A ceramic infused post dipping paint developed to be applied over e-coated layers, providing a two-layer paint system, and supplementing the overall abrasion resistance. The paint is applied by a speed controlled dipping process in a static tank without current. The high percentage of ceramic makes KERAMIS the most durable supplemental paint layer available. A 180°C curing phase limits the products use to material that can resist higher temperatures such as Steel or Brass as applicable substrates.
ACRIMM	A post dipping paint developed to be applied directly to a plated substrate or over e-coated layers, providing a two-layer paint system, and supplementing the overall corrosion and abrasion resistance. The paint is applied by a speed controlled dipping process in a static tank without current. The paint cures at ambient temperature however it can be polymerized at 80°C for maximum performance.



POST-TREATMENTS LINE

OXIDIZERS
PASSIVATION
STRIPPERS FOR METALS
AND LACQUERS



OXIDIZERS


Focus on
BLACKENING SOLUTIONS

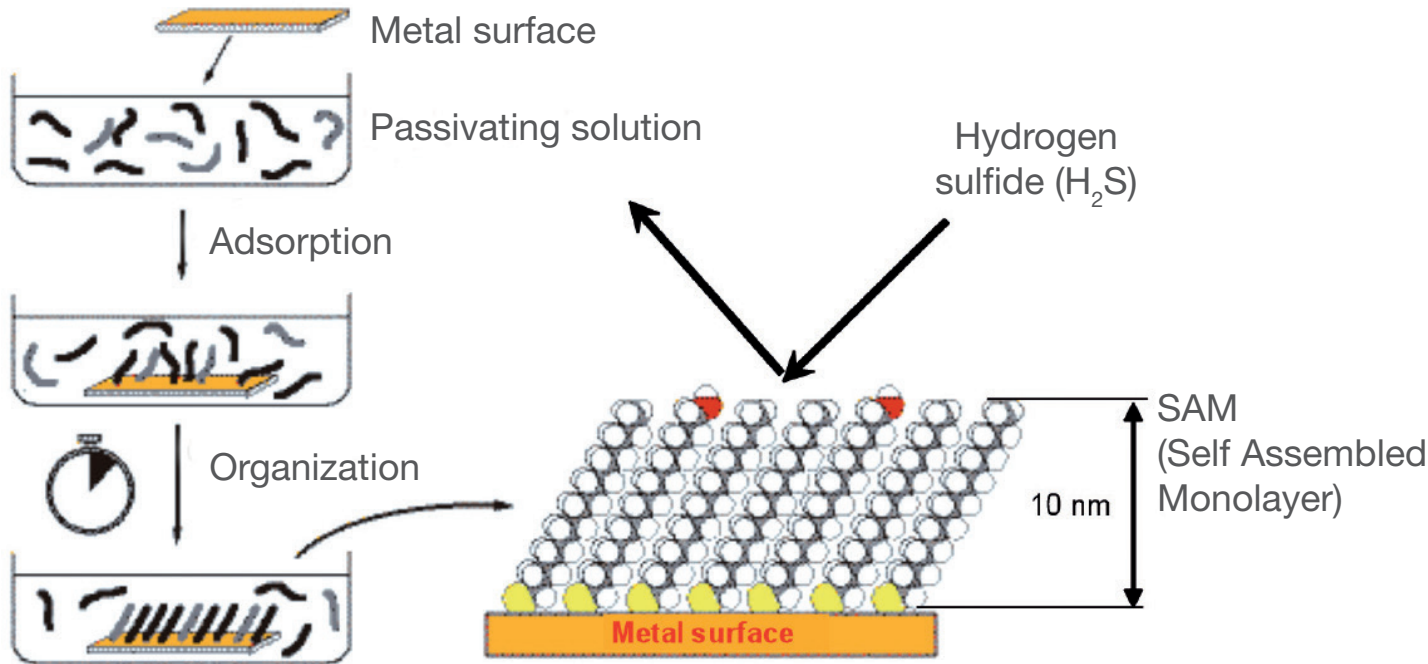
GA205BZ	<p>Liquid oxidizing solution for burnishing of white Bronze and tin plating.</p> <ul style="list-style-type: none">• Easy to use, by simple immersion.• Color ranges from dark grey to black. By adjusting the immersion time, the degree of concentration and the age of the bath, the color will change between these two shades.• Used with a concentration of 50% by volume.• It works also on opaque finishing (mechanically sandblasted or chemically satin-finished).• Need to post treat with dipping lacquers to fix the "antique effect".
GA201OT	Oxidizing solution for Brass.
GA202AG	Oxidizing solution for Silver.
GA203CU	Oxidizing solution for Copper.
GA204ZM	Oxidizing solution for Zamak.
GA780FE	Oxidizing salts for Steel and stainless Steel.



PASSIVATION

Focus on
GA151AG and **GA152AG**

GA151AG	<ul style="list-style-type: none">• Protects from corrosion originating from hydrogen sulfide, UV radiation, synthetic sweat, and humidity.• Easy to use, not requiring any electrical current and works simply by heating up the product and dipping in your object.• Developed for metallic substrates which naturally have poor corrosion resistance, like Silver, Brass, Bronze, low karat Gold, and some electroplated layers.
GA152AG 	<ul style="list-style-type: none">• Passivation with improved resistance.• Gives better fluency, lowering friction coefficient.• Developed for metallic substrates which naturally have poor corrosion resistance, like Silver, Brass, Bronze, low karat Gold, and some electroplated layers.



STRIPPERS FOR METALS

BASE METAL STRIPPERS		
STRIPPER FOR NICKEL ON BRASS, COPPER AND IRON	GA02NI-S	salt
UNIVERSAL STRIPPER FOR NICKEL	GA02NI-A	
	GA02NI-B	
	GA501SE-A	
STRIPPER FOR NICKEL PLATING ON RACKS (electrolytic use)	GA501SE-B	
	GA501SE-C	
	AT102CU	
STRIPPER FOR COPPER	AT102CU	
STRIPPER FOR TIN AND TIN-LEAD ALLOYS	GA01SP	
ELECTROLESS NICKEL STRIPPERS		
STRIPPER FOR ELECTROLESS NICKEL HIGH AND MEDIUM PHOSPHOROUS ON IRON	GA503SEN-A	
	GA503SEN-B	
STRIPPER FOR ELECTROLESS NICKEL HIGH AND MEDIUM PHOSPHOROUS ON BRASS (electrolytic use)	GA504SEN-S	
	GA504SEN-AD	
PRECIOUS METAL STRIPPERS		
STRIPPER FOR GOLD	STRIPPERGOLD	
STRIPPER FOR PALLADIUM	STRIPPERPD	
UNIVERSAL STRIPPER FOR GOLD AND PALLADIUM	STRIPPERAUPD	

STRIPPERS FOR LACQUERS

LAQUER STRIPPERS		
ACIDIC STRIPPER FOR CATAPHORETIC LACQUERS (ACRYLIC & POLYURETANIC RESINS)	3009010	
ECO-VERSION OF ACIDIC STRIPPER FOR CATAPHORETIC LACQUERS (FOR POLYURETANIC RESINS ONLY)	3009018	

PLATING TV

VIDEO TUTORIALS

NEWS

TIPS

TECHNICAL INSTRUCTION

YouTube

GO TO THE CHANNEL

PLATING TEAM



SUBSCRIBE AND STAY TUNED FOR NEW CONTENTS!

The YouTube “Plating TV” channel by LEGOR provides you with information and technical instructions about our plating solutions, machinery and processes. Every month we update the channel with short educational content related to our latest products, tips and tricks for better production and educational videos to make your working life easier.

AN ADDED VALUE



For companies which are keen on quality and require a guaranteed surface finish, Legor Group offers qualitative surface finishing analysis. All analysis are carried out in a sophisticated laboratory following a rigid protocol in accordance with the most known International Normative Testing.

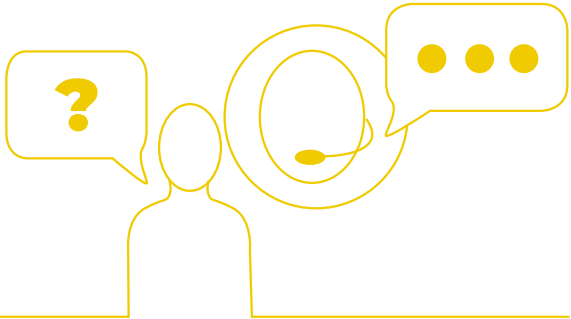
International normative tests are standardized methods for benchmarking the quality of surface finishes. They have been developed by various reputable organizations such as ISO, NFS, & ASTM which are recognized internationally in quality control and testing. These procedures are common to the fashion sector, watch industry, as well as many other industrial segments.

This service is developed through testing methods which are designed to simulate the stress that the product is introduced to in an everyday environment: resistance to abrasion, corrosion, sea water and critical climatic conditions.

Alternatively we are able to offer testing which determines the release of heavy metals such as Nickel, Lead, and Cadmium.



CONTACT US NOW
FOR MORE INFORMATION!



	Microscopic analysis of surfaces
NF EN ISO 27874	Exposure to nitric acidic
EN ISO 4524/5	Plated layers adhesion test
EN ISO 4611	Resistance to damp heat
ISO 9227	Resistance to salt spray
ISO 4538	Thioacetamide test
ISO 105 E04 AND NFS 80-772	Synthetic sweat resistance test
	Determination of colorimetric coordinates
ISO 105 E03	Chlorinated water resistance test
ISO 105 B02	Xenotest
	Determination of alloy composition
	Measurement of deposit
EN ISO 15184:2020	Pencil test (Cross Hatch)

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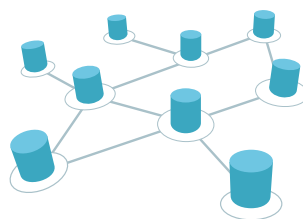
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LEGOR GROUP NUMBERS



40%
Worldwide Gold jewels
produced with LEGOR alloys



50
Worldwide dealers



180
Group employees



10.000
Customers

LEGOR GROUP SPECIALIZATION FIELDS

alloys

METALS FOR CASTING AND MECHANICAL TRANSFORMATION

plating

SURFACE TREATMENTS FOR BOTH PROTECTION AND DECORATION OF METALS



OLEGOR[®] plating



The background is a complex geometric composition. The left side is a solid yellow rectangle. The right side is a light grey rectangle. Overlapping these are several white lines: straight lines forming a grid-like structure and large, thin white arcs that sweep across the page, creating a sense of movement and depth.

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