



INDUSTRIAL AND COMMERCIAL VEHICLES

MONOPOL CROMATIC CAR SYSTEM





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COMPLETE SOLUTIONS FOR INDUSTRIAL AND COMMERCIAL VEHICLES

- A complete range offering the most appropriate coating solution for the vehicle's different components.
- A full range of colours covering all the most used charts in this industry.
- Efficient colour tools that lead to accurate colour identification and to perfect colour matching.
- A comprehensive system for quick and simple preparation of the desired colour.
- High performing coatings: easy to apply, good gloss, good coverage, high opacity.
- Solutions developed to optimize the productivity and environmental performance of paint shops.

MONOPOL CROMATIC CAR SYSTEM

THE SYSTEM COMPRISES **62** COLORANT BASES AND A SET OF BINDERS WHICH ENABLE THE PRODUCTION OF SEVERAL TYPES OF FINISHES.

THE TINTOMETRIC SYSTEM

The colorant bases are stored in a mixing equipment, in special containers equipped with lids that enable the precise dosing of the colour formula. The process is supported by a precision scale and the Monopol Expert software, which allows:

- Colour formula search based on the manufacturer's reference;
- Inventory, prices and VOC data management;
- Scale control;
- Labels printing.



COLORIMETRY

- Over 20.000 colour formulas available.
- COLOR BOX: 2.600 colour swatches.
- Spectrophotometer MONOPOL PAINT MATCHER:
 - Database with over 7.000 colours.
 - Colour formulation and correction software.
 - Quality control module.
- HELLO COLOUR Service: Our Colorimetry Laboratories provide, upon request, specific colour formulas that may not appear in the database. Replies within 24 h.



MONOPOL CROMATIC CAR SYSTEM BINDERS

INDUSTRIAL AND COMMERCIAL VEHICLES

TOPCOAT 908 HS

- Polyurethane two-component topcoat (acrylic/polyester and isocyanate).
- High solids (HS).
- Complies with the 2004/42/EC Directive (VOC < 420 g/l).
- High gloss finish. Available in satin (928 HS) and matt versions (938 HS).
- One cross coat application.
- Perfectly suited for large areas.
- Excellent durability.
- Excellent lightfastness.

TOPCOAT 903 MS

- Polyurethane acrylic two-component topcoat (acrylic and isocyanate).
- High gloss finish. Available in satin (910) and matt versions (911).
- Two cross coats application.
- Quick drying.
- Excellent final appearance.
- Excellent durability.
- Excellent lightfastness.

MATT BASECOAT 802

- One-component Matt Basecoat for bi-coat systems.
- Ideal for metallic and pearlescent colour shades.
- To be coated with a suitable clearcoat (L900 S2 or HSV0 Premium).

TOPCOAT 718 HS

- Polyurethane two-component topcoat (polyester/epoxy and isocyanate).
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- Direct application to degreased, stripped or sandblasted steel.
- High gloss finish. Available in satin (728 HS) and matt versions (738 HS).
- Excellent filling properties.
- Very good protection against corrosion.
- Particularly recommended for box bodies and chassis.



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TOPCOAT 711 MS

- Polyurethane two-component topcoat (alkyd/epoxy and isocyanate).
- Direct application to degreased, stripped or sandblasted steel.
- High gloss finish.
- One version with better filling properties (in 6 + 1).
- One version with better lacquering properties (in 4 + 1).
- Good protection against corrosion.
- Good sag resistance.
- Particularly recommended for industrial vehicles, chassis, equipment for public works and agricultural machinery.

TOPCOAT 930 MS

- Polyurethane two-component topcoat.
- Direct application to industrial and lorries curtains.



MONOPOL CROMATIC CAR SYSTEM COMPLEMENTARY PRODUCTS

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PRIMERS AND FILLERS

PRIMPOX Primer

- Two-component epoxy primer.
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- Zinc phosphate anti-corrosion primer.
- Good adhesion on steel, aluminium, galvanised and stainless steel.
- “Wet on wet” application possible.
- No overspray on large surfaces painting.
- Easy application.
- Can be overcoated with all the alkyds, water based or polyurethane topcoats (except the Matt Basecoat 802).



C-POX ZP365 Primer

- Two-component epoxy primer.
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- Zinc phosphate anti-corrosion primer.
- Recommended for Industrial Refinish, ACE and Rail sectors.
- Excellent adhesion, resistance to immersion and resistance to salt spray.
- Can be overcoated with the same product, alkyd topcoats or polyurethane topcoats.

AS722 Primer

- One-component urethane-modified alkyd primer.
- Complies with the 2004/42/EC Directive.
- Application to degreased or sandblasted steel.
- Good sag resistance, enables high film thickness per coat to be applied (120 to 240 microns wet film).
- Good overspray absorption.
- No overspray on large surfaces painting.
- Quick drying (minimum 25 minutes for recoating).
- Can be overcoated with alkyd or polyurethane topcoats.
- Can be used as a shop primer.

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High build primer NASA 2000

- Polyurethane two-component primer.
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- Excellent filling properties.
- Smooth finish, easy sanding.
- Can be used in a sanding version or in a “wet-on-wet” version.

High build “wet-on-wet” primer CP3000

- Polyurethane two-component primer.
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- Smooth finish, easy sanding, can be used without sanding.
- Excellent “wet-on-wet” performance.

Tecnocryl PP primer

- Acrylic one-component primer.
- Excellent adhesion on plastic surfaces in polyamide (PA) or polypropylene (PP).
- Quick drying.
- Can be overcoated with polyurethane topcoats or with bi-coat systems.



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Adherence sealer AS804

- Polyurethane two-component primer.
- Excellent adhesion on pre-coated surfaces.
- Excellent adhesion on polyurethane topcoats without sanding.
- Excellent performance on composite materials.
- Can be overcoated with polyurethane topcoats.
- Available in different colours (RAL 7035, black, white or transparent) it improves the surface uniformity allowing the use of low opacity topcoats.

Wash Primer WG 6652

- Primer based on vinyl and phenolic resins.
- Complies with the 2004/42/EC Directive.
- Good adhesion on ferrous and non-ferrous metals.
- Quick drying.
- Can be overcoated with all types of primers and topcoats.

AS801 Primer

- Primer based on vinyl and phenolic resins.
- Complies with the 2004/42/EC Directive.
- Good adhesion on ferrous and non-ferrous metals and on many composite materials.
- Quick drying.
- Can be used as a “wet-on-wet” primer.
- Can be overcoated with polyurethane or alkyd topcoats.



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CLEARCOATS

L900 S2 Clearcoat

- Polyurethane two-component clearcoat, for bi-coat systems.
- Complies with the 2004/42/EC Directive.
- Does not yellow.
- Excellent mechanical and chemical resistance.
- High anti-scratch resistance.
- Excellent UV protection.

PU HS908 HSVO Premium Clearcoat

- Polyurethane two-component clearcoat, for bi-coat systems.
- High solids (HS).
- Complies with the 2004/42/EC Directive.
- High gloss and transparency.
- Does not yellow.
- Excellent mechanical and chemical resistance.
- Excellent UV protection.



FOR THE SUCCESS OF OUR CUSTOMERS

R & D

- More than 170 employees work in a network of eight R & D laboratories, spread over different countries and occupying a total area of 7,000 m2 dedicated to research and development.

COLORIMETRY CENTERS

- Two colorimetry centers equipped with various spectrophotometers, light booths and tinting machines, dedicated to the study of colors and the management of tintometric systems as well as research and development of the dyes used.

TECHNICAL AND COMMERCIAL ASSISTANCE

- A team that is as close as possible to customers, who knows that successes are shared.



FOR THE SUCCESS OF OUR CUSTOMERS

TRAINING CENTERS

- Location: Pierre-Bénite. Lyon - France.
With training room, colorimetry training room, laboratory, preparation and sanding.
- Location: Barreiro, 45 minutes from Lisbon - Portugal.
With training room, colorimetry training room, laboratory, preparation and sanding, and a paint oven.



ABOUT CIN

CIN has been the leading company in the sector in the Iberian Peninsula for over two decades, being also one of the largest manufacturers in Europe and a world reference.

With around 1700 employees, its activity is centered on the three main market segments - Construction, Industry and Anti-corrosion. CIN continually invests in innovation to improve processes, anticipate market needs and ensure the success of its products, which have already reached more than 40 countries in Europe, America, Asia and Africa.



THE MONOPOL BRAND

Created in 1937, the MONOPOL brand is a symbol of quality and performance in coatings for commercial and industrial vehicles, aeronautics, glass and industry in general. The knowledge accumulated in these areas allows us to work closely with our customers and, together, exceed the expectations of an increasingly demanding market.

The Chromatic System provides the basis for the growth of a strong network of distributors, allowing professionals who use technical coatings to appreciate the excellence of MONOPOL products.





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