



## SYSTEM CHROME 3001

**GELSON®**AZIENDA CON SISTEMA QUALITÀ  
CERTIFICATO DA DNV  
UNI EN ISO 9001

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# PROVISIONAL TECHNICAL DATA SHEET

*Rev. 5 dated 27/02/2017*

GELSON SYSTEM CHROME 3001 chroming system is the only spray paint producing an excellent chrome effect on any type of material and with ease of use.

### PREPARING THE SURFACE TO BE TREATED

- Metals: Degrease and clean the surface. For surfaces in aluminum, brass or other alloys, prepare the surface with a suitable epoxy primer before starting the painting cycle. FONDO LUCIDO NERO 3010 NEW can be directly applied on iron surfaces, if no resistance to corrosion is required. However, we recommend that you perform a preliminary adhesion test.
- Wood: Sand and clean the surface before starting the painting cycle. You can apply the FONDO LUCIDO NERO 3010 directly.
- Plastics: Degrease and clean the surface. FONDO LUCIDO NERO 3010 can be directly applied on ABS. On other types of plastic, apply a suitable primer before starting the painting cycle. However, we recommend that you perform a preliminary adhesion test.

### GELSON SYSTEM CHROME 3001 CHROMING CYCLE

#### **STAGE ONE - FONDO LUCIDO NERO 3010 NEW**

After the required surface treatment, the first stage of the chroming cycle can begin by applying our FONDO LUCIDO NERO 3010 NEW.

FONDO LUCIDO NERO 3010 NEW is a black primer that must be catalysed 1:1 with CATALIZZATORE 3040 NEW ad thinned to 10-20% with a suitable thinner.

Apply two coats of FONDO LUCIDO NERO 3010 NEW, taking care of not using an excessive amount of product when applying the first coat. Apply with a gravity gun with nozzle diameter of 1,5 mm and pressure 2.5 atm.

After a flash-off time of a few minutes, FONDO LUCIDO NERO 3010 NEW can be dried in the oven with a cycle of 40/60 min at a temperature of 60/80°C, or it can be air dried for 24-36 hours at 25°C.

WARNING: At the end of the drying cycle the surface must appear black and glossy. Any mark, smear or abrasion must be repaired by reapplying FONDO LUCIDO NERO 3010 NEW to prevent defects from appearing on the final chromed surface.

**Do not sand FONDO LUCIDO NERO 3010 NEW.**

Do not proceed to the next stage if FONDO LUCIDO NERO 3010 NEW is not completely dried.

#### **STAGE TWO – CHROME 3021 MONOCOMPONENTE NEW**

CHROME 3021 MONOCOMPONENTE NEW is ready to use. It must be shaken for one minute prior to use and can be poured directly into the paint gun.

#### **PREPARING THE PAINT GUN**

It is very important to use an excellent quality paint gun with 1.5 mm nozzle, 2.5 atm pressure.

Apply and let dry in warm environment.

Apply using low pressure, keeping the film thickness even and low.

Apply as a normal metallic paint; to judge the effect await evaporation.

CHROME 3021 MONOCOMPONENTE NEW can be dried in the oven with a cycle of 10/15 min at a temperature of 60/80°C, or it can be air dried for 1-4 hours at 25°C.



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### **STAGE THREE – ISOLANTE 3050**

ISOLANTE 3050 fixative clear paint must always be applied after CHROME 3021 MONOCOMPONENTE NEW and before TRASPARENTE UHS CC16. It is ready to use.

ISOLANTE 3050 must be applied overlaying multiple light coats, as if blending.

CHROME 3021 MONOCOMPONENTE NEW can be dried in the oven with a cycle of 10/15 min at a temperature of 60/80°C, or it can be air dried for 1-4 hours at 25°C.

### **STAGE FOUR – TRASPARENTE UHS CC16**

After ISOLANTE 3050 has completely dried, apply TRASPARENTE UHS CC16, catalysed at 100: 50 by volume with CATALIZZATORE CC16C UHS CC16 catalytic converter with the appropriate CATALIZER CC16C. Follow the instructions given in the relevant data sheet.

### **PACKAGE SIZES AVAILABLE:**

<b>Code</b>	<b>Description</b>	<b>Size</b>
15701	KIT SYSTEM CHROME 3001	KIT
15700/3010NEW	FONDO LUCIDO 3010 NERO NEW – black primer	1 L
15700/3021NEW	CHROME 3021 MONOCOMPONENTE NEW	1 L
15700/3040NEW	CATALIZZATORE 3040 NEW – Catalyst for black primer	1 Kg
15700/3050NEW	ISOLANTE 3050 - Fixative	1 L
15751	COLORANTE BLU – blue dye	50 mL
15752	COLORANTE ROSSO – red dye	50 mL
15753	COLORANTE VERDE – green dye	50 mL
15754	COLORANTE ORO – golden dye	50 mL
15755	COLORANTE NERO – black dye	50 mL
157CC16/5	TRASPARENTE UHS CC16 AD ESSICCAZIONE RAPIDA - Clearcoat	5 L
157CC16C/2,5	CATALIZZATORE CC16C Catalyst for clearcoat	2,5 L
157CC16KIT	Contains: TRASPARENTE UHS CC16 AD ESSICC. RAPIDA CATALIZZATORE CC16C	1 L 0,5 L

*The effectiveness of our products is based on practical experience and research carried out in our laboratories; nevertheless, we accept no liability for work carried out according to our instructions since it is understood that, in all cases, the final result depends on a number of unforeseeable factors.*