

# PALINAL®



## GREEN CAR RANGE



# GREEN CAR RANGE

- **Presentation**

The new **GREEN CAR RANGE** of coating products has been designed to solve all the needs of forward-looking car repairers by offering just a few very high quality products for a top level performance.

Compliance with safety requirements and respect for the environment are guaranteed according to European regulations (VOC).

All the products have been optimised to offer the highest level of quality, performance and ease of use, while retaining some existing codes that have met with long-standing success.



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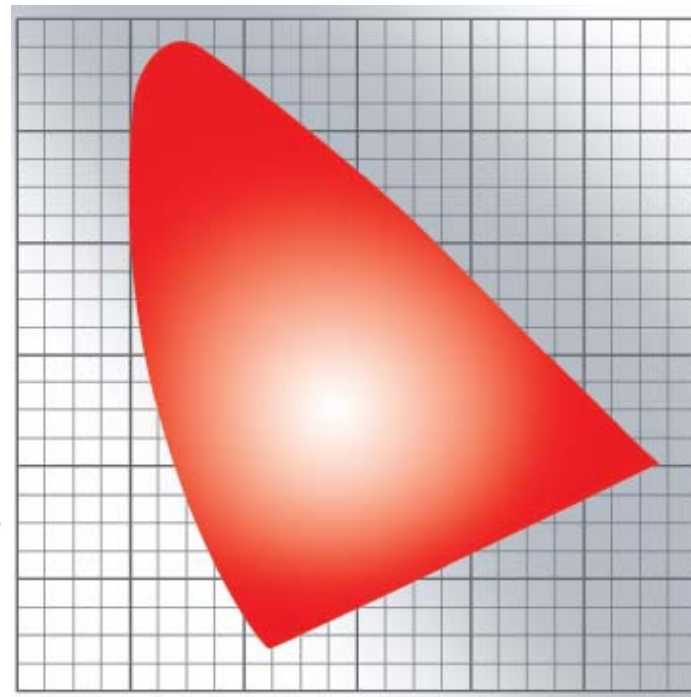
# GREEN CAR RANGE

- **The colour triangle**

The colour triangle identifies the new packaging of the **GREEN CAR RANGE**. It is a graphic representation of the visible colour spectrum.

This symbol conjures up an image not only of the excellence of Palini Vernici's know-how in the science of colour but also, in a more general sense, its understanding of the technology of coating products for cars.

Consequently, the colour triangle stands for the high technological level of the "System of products" belonging to the Green Car range and the professional advancement of car repairers to whom the range is dedicated.



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# GREEN CAR RANGE

- A colour for every function

The colour triangle is found on all the products belonging to the new **GREEN CAR RANGE**.

The symbol is presented in different colours, each of which characterises a particular group of products: yellow for thinners, red for hardeners, cyan for Hydropal 120... This all helps to make the families of products easier to identify.

It becomes much simpler to pick out a tin of product, remember it and use it correctly.

TYPE OF PRODUCT	REFERENCE COLOUR
 <b>THINNERS</b>	<b>YELLOW</b>
 <b>HARDENERS</b>	<b>RED</b>
 <b>PRIMERS</b>	<b>ORANGE</b>
 <b>CLEARS</b>	<b>AQUA GREEN</b>
 <b>FILLERS</b>	<b>BROWN/BEIGE</b>
 <b>HYDROPAL</b>	<b>CYAN</b>



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## HYDROPAL 120 WATER BASED SYSTEM



**125 Serie metallic and pearl base coat mat**

**126 Serie solid base coat mat**

**129 Serie direct gloss base coat 2K**

### WATERBORNE - BASE COAT

**Minimum solvent content < 15% Average VOC 300 g./lt.**

Water-based system for the refinishing sector and industrial bodywork

Hydropal 120 is a system of 78 super concentrated matt tinters in a modified acrylic binder in the aqueous phase. This permits the creation of solid, metallic, pearl water based double coat topcoats, after adding a water based specific binder. Permits the reproduction of around 100.000 colours in two coat or 2K direct gloss finishes.

The very low level of VOC is used to improve the working conditions of workers and compliance with the European standards.

**Plus:**

- Easy to apply
- High covering power
- Safe for the workers' health and the environment
- Innovative packaging

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## **CLEANERS** (wash for supports)

**100D1998** Hydropal anti-silicon cleaner

**950.....** Anti-silicon wash thinner



### **100D1998 Hydropal anti-silicon cleaner** **2004/42/IIb (a) (200) 30**

Water-based product with high detergent power, perfect for cleaning of funds and sanded for the removal of traces of silicone. Ideal for all types of plastic. The very low level of VOC is used to improve the working conditions of workers and compliance with the European standards.

**Employ:** to clean and remove residue from sanding

**Plus:**

- exceptional cleaning power
- safe for the workers' health and the environment
- good degreasing power
- lowers the total calculation of emissions per year

**Application:** ready to use, wash with a clean cloth and after dry with a clean cloth

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## **CLEANERS** (wash for supports)

**100D1998** Hydropal anti-silicon cleaner

**950.....** Anti-silicon wash thinner



### **950..... Anti-silicon wash thinner** **2004/42/IIb (a) (850) 800**

This product with high detergent power, is perfect for cleaning metal plates and for the removal of traces of silicone.

**Employ:** to degrease the support

**Plus:**

- exceptional degreasing power
- good cleaning power

**Application:** ready to use, wash with a clean cloth and dry with a clean cloth

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## PRIMERS (adhesion, protection)



**868.2000** Wash primer

**844.2000** Primer for plastic

**881.7777** Epoxy filling primer

### 868.2000 Wash primer

**2004/42/IIb (c) (780) 700**

Primer anticorrosive for iron, steel and light alloys with high protection power. Allows for welding of painting parts.

**Employ:** anti-corrosive protection for uncovered parts and adherence promoter

**Plus:**

- fast drying
- good protection
- excellent binding power
- wet on wet application
- allows for welding

**Application:** 2 coats at 5' intervals

**Overcoating:** min 10' max 90' at 20°C

**Drying:** 2 – 3h at 20°C (sandable)

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## PRIMERS (adhesion, protection)



**868.2000** Wash primer

**844.2000** Primer for plastic

**881.7777** Epoxy filling primer



### 844.2000 Primer for plastic

**2004/42/IIb (a) (850) 830**

Universal Primer for different kind of plastic supports.

**Reason for use:** adherence promoter on plastic supports

**Plus:**

- fast drying
- perfect on every kind of plastic supports
- wet on wet application

**Applicatione:**

2 light coats

**Overcoating:**

min 3' max 12' at 20°C

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## PRIMERS (adhesion, protection)

**868.2000** Wash primer

**844.2000** Primer for plastic

**881.7777** Epoxy filling primer



### 881.7777 Epoxy Primer 2K

**2004/42/IIb (c) (540) 530**

Epoxy Primer 2K with a good chemical and high anti-corrosion protection.  
Possible overcoating directly with paint.

**Reason for use:** maximum high anti-corrosion protection, adherence promoter

**Plus:**

- good filling power
- possibility of avoiding application of the filler
- time/cycle saving wet on wet application
- can be overfilled with a 2K filler

Application:

2 light coats

Overcoating:

min 30' max 60' at 20°C

Drying:

12h at 20°C o 40' at 60°C (sandable)

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## PUTTIES

**861.0099** Light universal white putty

**861.0090** Universal beige putty



### **861.0099 Light universal white putty** **2004/42/IIb (b) (250) 230**

A low specific weight and looking creamy (soft) is characterized by its excellent qualities of apply and sanding. Also available in cartridge with cod. 861.DI99

**Reason for use:** to fill imperfections on the support

**Plus:**

- excellent for sanding even by hand
- excellent spatula application
- can be applied on different types of metal

**Overcoating:** 25' - 30' at 20°C

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## PUTTIES



**861.0099** Light universal white putty

**861.0090** Universal beige putty



### **861.0090 universal beige putty** **2004/42/IIb (b) (250) 245**

It is characterized by the high filling power that allows you to level large imperfections. Also available in cartridge with cod. 861.DI90.

**Reason for use:** to fill large imperfections on the support

- Plus:**
- high filling power
  - excellent for sanding
  - can be applied on different types of metal
  - suitable for small filling jobs

**Overcoating:** 25' - 30' at 20°C

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# FILLERS



V.O.C.



## 873. Acrylic filler H.S. 5:1

.2K51 Light grey  
.ST51 Mid grey  
.1151 White  
.2251 Black

Total Grey System  
Total Grey System

## 873.ER Extra fast filler 3:1

.ER31 Grey

### 873. Acrylic filler H.S. 5:1

2004/42/IIb (c) (540) 490

Is characterized by an extreme flexibility, can be used in versions highly fillers, fillers and insulating. (Also available in color ready in shades of greatest use; 873.2K51 Light Grey and 873.ST51 Medium Grey).

**Reason for use:** for filling / sealing

**Plus:**

- excellent filling power
- good spreading power
- excellent for sanding
- undercoat for shades
- excellent vertical application
- fast drying
- no absorption
- with low coating power

**Application:** 2 coats at 10' intervals

**Drying:** 4 - 6h at 20°C or 25' – 30' at 60°C **(sandable)**

**Hardeners:** 999.HS98, FAST:993.SPOT, SLOW: 993.SLOW

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# FILLERS



V.O.C.



## 873. Acrylic filler H.S. 5:1

.2K51 Light grey  
.ST51 Mid grey  
.1151 White  
.2251 Black

Total Grey System  
Total Grey System

## 873.ER Extra fast filler 3:1

.ER31 Grey

### 873.ER31 Extra fast filler 3:1

2004/42/IIb (c) (540) 490

For applications in which require high filling capacity and an extremely fast drying (sandable after 1 h at 20°). Can be used in versions highly fillers, fillers and insulators.

**Reason for use:** extra fast filler

**Plus:**

- exceptionally fast air drying (sandable after 1 h at 20°)
- excellent filling power
- excellent vertical application / good spreading power fast drying
- excellent for sanding
- no absorption

**Application:** 2 coats at 5' intervals

**Drying:** 1 – 1.5h at 20°C or 15' – 20' at 60°C (sandable)

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# SEALERS FILLERS



## 873.GT Wet on wet acrylic filler 2K

- .GT05 Grey
- .GT11 White
- .GT22 Black
- .GT00 Transparent

Total Grey System  
Total Grey System



V.O.C.

## 873.GT wet on wet acrylic filler 2K

**2004/42/IIb (c) (540) 490**

Innovative rapid filler wet-on-wet, overpainted with water bases and solvent based. Allows an easy and fast application, is excellent in terms of verticality, rapidity and distention. The time required for drying is 10 to 15 minutes. Available in four colors.

**Reason for use:** sealer / wet on wet

**Plus:**

- fast (flash periods halved)
- can be overcoated with water or solvent based products
- exceptional spreading power and gloss at the end of cycle
- no absorption, can also be sanded after drying

**Application:** 2 coats at 5' intervals

**Overcoating:** 15' at 20°C

**Hardeners:** SLOW: 993.SLOW

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# FONDI ISOLANTI



## 100F Hydrol fast primer 1K

7035 Grey  
1111 White  
2222 Black

Total Grey System  
Total Grey System



## 100F Hydrol fast primer 1K – water borned 2004/42/IIb (c) (540) 100

**Reason for use:** extra fast water based sealer wet on wet

- Plus:**
- very fast
  - excellent sealing power
  - versatility of use
  - safe for the worker's health and the environment
  - possibility of avoiding the application of a further coat of primer
  - can be overcoated with water and solvent based products

**Application:** 2 coats at intervals of 3' (forced air) or 10' at 20°C

**Overcoating:** 3' (forced air) or 20' at 20°C

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## CLEARs

### 223FLASH Clear VOC 420



### 223FLASH Clear VOC 420

2004/42/IIb (d) (420) 420

High solid clear of easy application and drying both at air and in oven.

**Reason for use:** it is in accordance with EU directive 2004/42/CE / finishing of high quality.

**Plus:**

- Excellent flexibility of application in any environmental situation
- Good extension, brightness, hardness, physic-chemical resistances
- The clear is not thermoplastic (lost of hardness insignificant under sun)

**Application:** ½ coat + 1 coat spaced of 5'

**Drying:** 5'flash time at 20°C + 30' at 60°C or 18-24 hours at 20°C

**Hardeners :** Fast 293.HS10, Standard 293.HS20, Slow 293.HS30

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## CLEARs

### 223SHINE Extra Clear VOC 420



### 223SHINE Extra Clear VOC 420

2004/42/IIb (d) (420) 420

Ultra solid clear of easy application and drying both at air and in oven. It gives to the manufacture a full, shining and dilated aspect with mirror effects. High D.O.I. effect.

**Reason for use:** it is in accordance with EU directive 2004/42/CE / finishings of excellence

**Plus:**

- Excellent flexibility of application in any environmental situation
- Excellent extension, brightness, hardness, physic-chemical resistances

**Application:** ½ coat + 1 coat spaced of 5'

**Drying:** 5'flash time at 20°C + 30' at 60°C or 18-24 h at 20°C

**Hardeners :** Fast 293.HS10, Standard 293.HS20, Slow 293.HS30

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# CLEAR

## 923SMART Trasparente Speciale Scratch Resistant

### 923SMART Speciale Scratch Resistant

**2004/42/IIb (e) (840) 570**

Special transparent finishing ready to use with good antiscratch power, resistance to aging and to petrol. As special finishing antiscratch it is in accordance with EU directive 2004/42/CE.

**Reason for use:** it is in accordance with EU directive 2004/42/CE / special finishing

**Plus:**

- antiscratch
- resistance to aging

**Application:**

1 soft coat + 2 normal coats

**Drying:**

20' at 60°C after 20' of hot flash time

**Hardeners :**

999.HS98

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## CLEARs



**223W.AIR Superquick Air Drying Clear Coat 2K**

### **223W.AIR Superquick Air Drying Clear Coat 2K 2004/42/IIb (d) (420) 330**

The new clear allows very quick repairs thanks to the reduced time of drying and without the help of oven or infrared. It is sole for originality of use and formulation. It offers excellent results of brightness and fullness.

**Reason for use:** it is in accordance with EU directive 2004/42/CE / spot repair

**Plus:**

- absolute affinity with water born bases
- excellent brightness / excellent yield
- protection of the health of worker and of environmental
- it demands no energy for drying


**Application:**

1 coat or 1 shaded coat + 1 full coat no stop

**Drying:**

60' **ONLY** at air

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Thank you for your the attention.

For more details **[www.palinal.com](http://www.palinal.com)**

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