



## 1K Through Black Hight Gloss Acrylic auto Paint: Advanced Consistency with Proper Mixing

### Our Product Introduction

#### Basic Information

- Place of Origin: GUANGDONG CHINA
- Brand Name: Ferrari series
- Certification: ISO,SGS,MSDS
- Model Number: F-104
- Minimum Order Quantity: 100 L
- Price: 3.26USD-5USD
- Packaging Details: 0.5L/1L/4L/10L/20L/200L
- Delivery Time: 7-30days
- Payment Terms: T/T
- Supply Ability: 50000L/month



#### Product Specification

- Main Raw Materials: Acrylic Resin,Polyurethane Resin
- Feature: High Leveling,high Glossy,high Fullness,good Covering,high Adhesion
- Certification: Pigment
- Substrate: 1k Base Coat
- Coating Type: Acrylic
- Mildew Resistant: Yes
- Transport Package: In Standard Export Cartons
- Dry Film Thickness: 1.5-2.0 Mills
- Coating Material: Acrylic
- Highlight: **Proper Mixing Acrylic auto Paint, 1K Acrylic auto Paint**



## Product Description

### 1K Through Black High Gloss Acrylic auto Paint: Advanced Consistency with Proper Mixing

#### Product Introduction

**Color:** 1K Tong Black Automotive Paint is a black paint material with a deep and shiny appearance. Its color tone can provide a high level of attractiveness and luster to the vehicle surface.

**Simplicity:** 1K black automotive paint does not require a mixture of activators or curing agents and can be used directly. This makes it more convenient to use without the need for additional mixing steps or equipment.

**Drying time:** 1K black automotive paint usually has a faster drying time. It relies on solvent evaporation for drying, and the drying time is affected by temperature, humidity, and paint formulation. Compared to the 2K paint that needs to be mixed, the drying time of 1K paint is shorter, which is conducive to quickly completing the coating project.

**Protection and durability:** 1K black automotive paint provides a certain degree of surface protection, which can resist daily wear, UV radiation, and the influence of some chemicals. However, compared to 2K paint, its durability and chemical resistance may be lower. Therefore, in long-term use and harsh environments, additional protective layers or varnish may be required.

**Repair ability:** 1K black car paint is suitable for small scratches, bumps, or repair work. It can be used for local repairs without the need for large-scale painting or vehicle painting.

**Matched Clearcoat:** In order to further improve gloss and protect the coating, it is usually recommended to apply a layer of transparent clearcoat on 1K black automotive paint. Varnish can increase the durability and appearance texture of the paint film, making it more durable and smooth.

#### What are the advantages and disadvantages of 1K black automotive paint compared to 2K paint?

**Advantages:**

**Simplicity:** 1K Tongblack automotive paint is a single component paint material that does not require mixing of activators or curing agents. This makes it simpler and more convenient to use, without the need for additional mixing steps or equipment.

**Drying time:** 1K black automotive paint usually has a faster drying time. It mainly relies on solvent evaporation for drying, and compared to the chemical reaction curing process required for 2K paint, the drying time for 1K paint is shorter. This is conducive to quickly completing the painting project and reducing waiting time.

**Repair ability:** 1K black car paint is suitable for small area repair work. It can be used for local repairs without the need for large-scale painting or vehicle painting. For small scratches or bumps, 1K paint can provide a convenient and fast repair solution.

**Disadvantages:**

**Durability and chemical resistance:** Compared to 2K paint, 1K black automotive paint may have lower durability and chemical resistance. 1K paint mainly relies on solvent evaporation for drying, and the hardness and durability of the paint film may be weak. In long-term use and harsh environments, additional protective layers or varnish may be required to increase the durability of the paint film.

**Long term effect:** Due to the drying mechanism of 1K paint, it may experience a certain degree of discoloration or yellowing after a period of time. In contrast, 2K paints typically have better color stability and long-term effects.

**Application scope:** 2K paint is usually suitable for a wider range of application scenarios, including large-scale painting, whole vehicle painting, and professional repair projects. They provide higher durability, chemical resistance, and glossiness. For painting projects that require higher standards, 2K paint is usually the preferred choice.

Temperature& mixed	Temperature	Clear Coat	Activator/ Hardener	Thinner
Temperature& mixed	<15°C	Crystal Clear Coat	Crystal Fast Dry Activator	602 Fast Dry Thinner
Temperature& mixed	15-25°C	Crystal Clear Coat	Crystal Standard Activator	602 Standard Thinner
Temperature& mixed	25-35°C	Crystal Clear Coat	Crystal Slow Dry Activator	602 Slow Dry Thinner
Mixing Ratio		2	1	0.3-0.5

The recommended application guidelines for 1K automotive paint are as follows:

**Number of Coats & Thickness:** Apply 2-3 coats of paint, aiming for a total dry film thickness of 40-60 µm.

**Flash Time:** Allow 5-10 minutes of drying time between each coat.

**Application Method:** Use a spray gun for applying the paint.

**Nozzle Size:**

For gravity spray guns, use a 1.2-1.4mm nozzle.

For suction spray guns, use a 1.3-1.5mm nozzle.

**Spraying Pressure:** Maintain a spreading pressure of 3-4 bar.

**Spreading Visibility:** Measure the spreading visibility using a Ford Cup #4 at 20 °C, aiming for a range of 13-18 seconds.

**Number of Coats:** Apply a maximum of 3 coats to achieve the desired coverage and finish.

Drying Time	Temperature	Dust Free	Tack Free	Complete Dry
Drying Time	20°C	1h	2-3 hours	24h
Drying Time	60°C	5 minutes	10 minutes	60 minutes



1K  
104P

1K Through Black

**Product Features**

- Commonly used black, slightly brownish-yellowish, used to mix dark colors and metallic colors



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