



1K Mixing Black Gloss Acrylic Solid Colours Car Paint: Advanced Color Mixing System

Our Product Introduction

Basic Information

- Place of Origin: GUANGDONG CHINA
- Brand Name: Ferrari series
- Certification: ISO,SGS,MSDS
- Model Number: F-138
- 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
- Product Name: Car Paint Basecoat
- Dry Film Thickness: 1.5-2.0 Mills
- Coating Material: Acrylic
- Highlight: 1K Mixing Car Paint



Product Description

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1K Paint Composition: 1K paint is a single-component coating that does not require the addition of other components or activators. It is typically composed of a resin binder, pigments, solvents, and additives. The paint dries or cures through solvent evaporation.

Application Methods: 1K paint can be applied using various methods such as spray guns, airbrushes, or aerosol cans. The choice of application method depends on the size of the project, desired finish, and available equipment.

Surface Preparation: Proper surface preparation is crucial for achieving a successful paint application. It involves cleaning the surface to remove contaminants, sanding to create a smooth base, and ensuring good adhesion by using suitable primers or sealers if necessary. Follow the paint manufacturer's guidelines for specific surface preparation requirements.

Application Techniques: When applying 1K paint, it is important to maintain a consistent spraying distance and speed to achieve an even coat. Start with a light mist coat and then apply additional coats, allowing proper flash-off time between each coat. Follow the recommended application thickness and number of coats specified by the paint manufacturer.

Drying and Curing: 1K paint dries through solvent evaporation. The drying time depends on factors such as temperature, humidity, and the type of paint used. After drying, the paint may require additional curing time to reach its maximum hardness and durability. Follow the paint manufacturer's instructions for drying and curing times.

Finishing and Polishing: Once the paint has fully dried and cured, you can proceed with finishing touches such as polishing, buffing, or applying clear coats to enhance the gloss and durability of the paint finish. Use appropriate polishing compounds and techniques to achieve the desired results.

Safety Precautions: When working with 1K paint, it is important to follow safety guidelines. Wear appropriate personal protective equipment (PPE), work in a well-ventilated area, and dispose of any paint waste or containers according to local regulations.

Remember, the specific instructions and recommendations may vary depending on the brand and type of 1K paint you are using. Always refer to the product's technical data sheet and follow the manufacturer's instructions for the best results.

1K automotive paint:

Single-Component System: 1K automotive paint is a single-component system, which means it comes ready to use and does not require the addition of activators or hardeners. This makes it more convenient and easier to work with compared to 2K (two-component) paints that require mixing.

Quick Drying Time: 1K paint typically has a faster drying time compared to 2K paints. It relies on solvent evaporation for drying, and the drying time can vary depending on factors such as temperature, humidity, and the specific formulation of the paint.

Faster drying times can be advantageous for projects that require a quicker turnaround.

Limited Chemical Resistance: 1K automotive paint generally has lower chemical resistance compared to 2K paints. It may be more susceptible to damage from fuel, chemicals, and harsh environmental conditions. Therefore, it is important to consider the specific application and choose the appropriate paint system to ensure long-term durability.

Single-Coat Application: In some cases, 1K automotive paint can be applied as a single coat without the need for additional clear coats or protective layers. This can save time and effort in certain applications. However, for enhanced durability and a glossy finish, additional clear coats may still be recommended.

Limited Color Options: While 1K paint is available in a variety of colors, the range of color options may be more limited compared to 2K paints. However, advancements in technology have expanded the color choices available in 1K paint systems, providing a wide selection for automotive refinishing.

Touch-Up and Repair: 1K automotive paint can be used for touch-up and repair work on minor scratches, chips, or small areas of damage. Its convenience and ease of use make it suitable for small-scale repairs without the need for extensive mixing or equipment.

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
138P**

1K Toning Black

Product Features

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



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