



## 2K Black Car Paint Top Coat For High Hardness And Scratch Resistance

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Meishilianke
- Certification: ISO,MSDS,SGS
- Model Number: Black
- Minimum Order Quantity: 200L
- Price: 2.73USD/L-5.56USD/L
- Packaging Details: Box/Carton
- Delivery Time: 10-15 Work Day
- Payment Terms: T/T
- Supply Ability: 500L per day

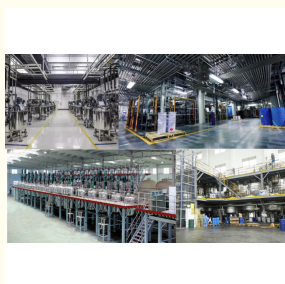


### Product Specification

- Name: Black
- Code: 137
- Voc Level: Low
- Net Weight: 0.95KG
- Heat Resistance: Yes
- Protection: UV-resistant
- Sheen: High Gloss
- Uv Resistance: Yes
- Material: Acrylic
- Application Method: Brush, Roller, Or Spray
- Adhesion: Strong
- High Light: 2k Top Coat
- Highlight: Scratch Resistance Car Paint Top Coat, High Hardness Car Paint Top Coat, 2K Black Car Paint Top Coat



### More Images



## Product Description

### Product details:

2K black car repair topcoat is a two-component paint, consisting of a main paint and a curing agent. The main paint contains film-forming substances, pigments, solvents and other ingredients. The film-forming substances enable the pigments to remain bright and adhere to the surface of the object firmly and durably; the pigments give the topcoat black color and durability, while providing hiding power; the curing agent reacts chemically with the main paint to enable the paint to dry quickly and form a hard paint film.

The cured paint film has a high hardness and can effectively resist scratches and wear, protecting the car surface from minor collisions and friction in daily use.

Meklon2K black car repair paint can present a high-gloss appearance, making the car surface look brighter and smoother, and improving the beauty of the car. It also has good color stability, is not easy to fade after long-term use, and can maintain the purity and brightness of black.

Construction process:

1. Preparation: Before spraying, the surface of the car to be repaired needs to be thoroughly cleaned to remove impurities such as dirt, grease and old paint layers. Then use fine sandpaper to gently polish the surface to increase adhesion. At the same time, make sure the working environment is clean and tidy, free of dust and impurities, and cover the parts that do not need to be sprayed.

Mixing paint: Mix the main paint and curing agent according to the ratio on the product manual, usually in a ratio of 2:1 or 4:1. Stir thoroughly and evenly when mixing to ensure that the two are completely blended. You can add an appropriate amount of thinner according to the actual situation to adjust the viscosity of the paint to adapt to the spraying equipment and ambient temperature. The prepared paint needs to be left to stand for 5-10 minutes to eliminate the bubbles generated during the stirring process, and use a filter to filter the paint liquid to prevent particulate impurities from entering the spray gun.

Spraying process: Spray thinly in multiple times, with an interval of 5-10 minutes each time. The first layer is a thin spray to form a uniform adhesion layer; the second layer is a medium-thick spray to increase the thickness of the paint film; the third layer is a thick spray to ensure that the paint film is smooth and full. The spray gun should be kept perpendicular to the surface, at a distance of about 15-20 cm, and the spray gun should move at a uniform speed.

Drying and curing: After spraying, the paint film can be allowed to dry naturally at a suitable temperature and humidity.

Generally, natural drying takes more than 24 hours. If you want to speed up the drying speed, you can also accelerate the curing in a baking room, usually baking at 60°C for about 30 minutes. During the curing process, avoid touching or contaminating the paint film.

Applicable scenarios:

Auto repair shop: Suitable for repairing scratches, dents or paint damage on the car body. It can make the color and gloss of the repaired part as consistent as possible with the original car paint surface to achieve a good repair effect. For the whole vehicle renovation of old cars, 2K black car repair topcoat can provide high-quality coating effects, making the car look brand new.

Car paint wholesalers: The product has good quality and good effect. It is deeply loved by car paint enthusiasts all over the world, so the sales are very good. The sales of this product reach 50,000L each year, which has a great impact on the business of wholesalers and brings them very high profits.



parameter	Details
Mixing ratio	Component A: Component B = 2:1 (approximate ratio)
Solid content	About 60%-80% (varies with different products)
Viscosity (coating - 4 cups, 25°C)	15-30 seconds (the amount of diluent can be adjusted according to construction requirements)

Drying time	Natural drying > 24 hours; drying (60°C) about 30 minutes - 1 hour
hardness	≥H (pencil hardness)
Weather resistance	Good, long-lasting color and gloss
Adhesion	≤1 level (cross-cut test)

#### Mixing paint:

Mix the main agent and curing agent evenly according to the ratio in the Meklon construction manual, the ratio is 2:1  
Add a proper amount of diluent according to the construction environment and needs, stir evenly and let it stand for a while to allow the bubbles in the paint to be fully discharged.

#### Construction method:

Spraying: Use a spray gun to spray the prepared paint evenly on the surface of the car, keep the distance between the spray gun and the surface at 15-20 cm, move the spray gun at a uniform speed, generally need to spray 2-3 layers, each layer interval 10-15 minutes.

Brushing: For small area repairs or special parts, you can use a brush to brush, but the effect of brushing may not be as uniform as spraying.

Drying and curing:

Natural drying: At room temperature, let the paint surface dry naturally. The drying time is long, generally more than 24 hours. During the drying process, avoid dust and debris falling on the paint surface.

Baking and drying: Professional paint baking equipment can be used for baking. The baking temperature is generally 60-70 degrees Celsius and the baking time is 30-40 minutes. It can speed up the curing speed of the paint surface and improve the construction efficiency.

The construction environment should be well ventilated to avoid the volatilization of organic solvents in the paint and cause harm to the human body.

Mix the paint strictly according to the proportion specified by the product to avoid adding too much or too little curing agent to affect the performance of the paint surface.

Pay attention to personal protection during construction, and wear protective equipment such as masks, gloves, and goggles. The paint should be stored in a cool and dry place, avoiding direct sunlight and high temperature environment. The shelf life is generally 1-2 years.

When repainting, try to choose 2K purple car paint that is close to the original paint color, and make accurate color matching to reduce color difference.



#### Storage conditions:

Temperature requirements: The temperature of the storage environment should be maintained between 5 and 30 degrees Celsius. Too high a temperature may cause changes in the paint composition, such as accelerating the evaporation of solvents and affecting the stability of the paint; too low a temperature may cause the paint to thicken or crystallize, destroying the original performance of the paint.

Humidity control: The relative humidity needs to be maintained at 40% - 60%. Too high a humidity can easily make the paint damp, causing problems such as mildew and agglomeration; while too low a humidity may generate static electricity, adsorb dust and impurities to the surface of the paint, affecting the quality.

Light conditions: The storage place should avoid direct sunlight. Long-term light will cause the pigments in the paint to fade and decompose, and may also cause photochemical reactions in the chemicals in the paint, reducing the quality and service life of the car paint.

Ventilation: Good ventilation is the key. Ventilation helps to dissipate the small amount of volatile organic compounds that may exist in the paint, prevent them from accumulating in the storage space, avoid adverse effects on the quality of the paint, and



also ensure the safety of the storage environment.

Packaging sealability: Whether it is paint or hardener, its original packaging should be kept sealed. Sealed packaging can prevent the entry of impurities such as air and moisture, ensuring that the paint is not contaminated or oxidized during storage.



#### Shelf life:

Our car paint has an impressive shelf life. The hardener has a shelf life of 1-3 years, and the paint has a shelf life of 5-10 years. It is particularly worth mentioning that under certain storage conditions, the overall shelf life of our car paint can be up to 10 years. This excellent performance provides long-term protection for your use.

#### Warranty service:

We are confident in the quality of our products. During the warranty period of 1 year for hardener and 3 years for paint, if you find any quality problems with the product, you can contact us at any time and go through the return procedures. We will do our best to solve the problem for you, ensure that your rights and interests are not harmed, and let you use our car paint products without worries.

As a professional car paint manufacturer, Meklon, we have always regarded product quality as the lifeline of the enterprise, and because of this, we have won high recognition from many car paint dealers.

In the long-term cooperation with dealers, our high-quality car paint has become a solid backing for their business development. Many dealers have reported that our products have established a good reputation in the market with their excellent quality. Whether in terms of color durability, paint hardness or corrosion resistance, Meklon car paint performs well. Whether it is the pursuit of extreme color effects by high-end car modification shops or the requirements of durability by ordinary car repair shops, our products can meet them.

We have established a close cooperative relationship with dealers and can respond quickly to their order needs and after-sales problems. A stable supply chain ensures that they will not lose customers due to product shortages, and an efficient after-sales team can solve possible quality problems in a timely manner, further enhancing the dealer's reputation in the hearts of customers.

Meklon's professionalism in the field of car paint and its comprehensive support for dealers have become the key factors in promoting their booming business, and the affirmation of dealers has also inspired us to keep moving forward and continue to provide better products and services for the automotive industry.



#### Product quality advantages:

**High color accuracy:** It can provide accurate color matching, and the repaired paint surface has almost no color difference with the original blue of the car, making the vehicle appearance repair effect more perfect, which can improve customer satisfaction, bring good reputation and more repeat customers to dealers.

**Strong covering power:** It can effectively cover various defects, scratches and old paint layers on the surface of the car, reduce the number of construction layers and the amount of paint used, and save construction time and cost.

**Excellent paint film performance:** It has high hardness, wear resistance and weather resistance. High hardness can make the paint surface not easy to be scratched in daily use; good wear resistance can withstand long-term friction and wear; good weather resistance ensures that the paint surface is not easy to fade, discolor and crack under different climatic conditions, extending the service life of the paint surface and reducing customer complaints and repairs due to paint quality problems.

**Rich product line and technical support:**

**Rich product line:** In addition to 2K blue topcoat, other colors of automotive repair paint and supporting products such as curing agent, thinner, etc. may also be provided to meet the dealer's one-stop procurement needs and facilitate their inventory management and sales.

**Strong technical support:** The factory can provide professional technical training and consulting services for dealers, helping dealers' employees and customers master the correct construction methods, color matching skills and problem-solving methods, improve construction quality and efficiency, and reduce losses caused by improper construction.



#### Supply and logistics guarantee:

**Stable supply:** The factory has strong production capacity and inventory management capabilities, which can ensure timely and sufficient supply of dealers' orders, avoiding customer loss and business losses caused by out-of-stock.

**Convenient logistics services:** Cooperate with professional logistics companies to provide fast and safe logistics services to ensure that products can be delivered to dealers in time, reducing the time and cost of logistics links.

#### Profit margin advantage:

**Competitive price:** The factory will give dealers a reasonable price policy so that dealers can obtain a higher profit margin when selling products. At the same time, high-quality product quality and a good brand image will also help dealers increase the selling price of products and further increase profits.

**Cost control advantage:** The product's efficient construction performance and good covering power can reduce paint waste and labor consumption during the construction process, help dealers reduce construction costs, and improve overall profit levels.





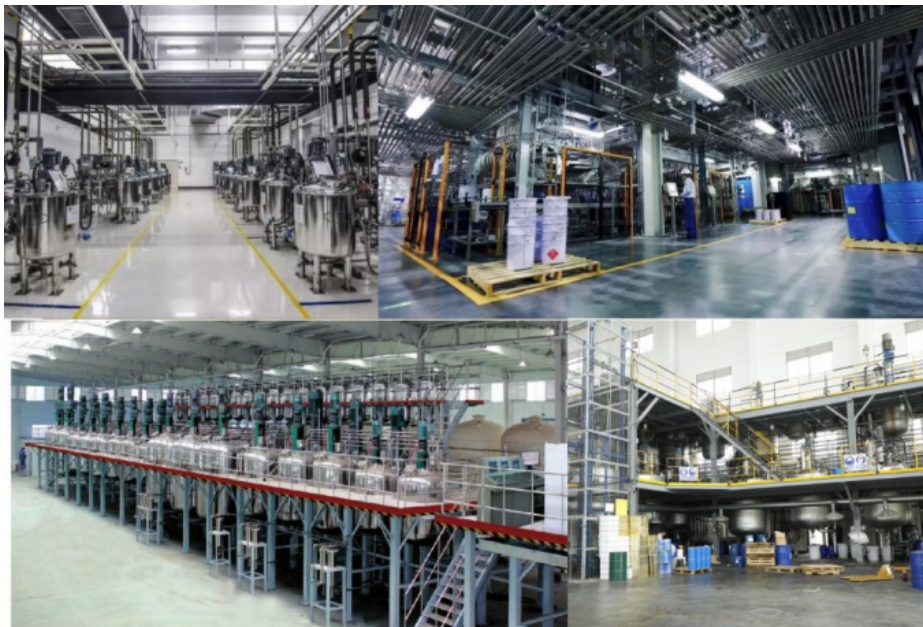
### Manufacturer introduction:

In the vast world of automotive paint, Meklon has become a shining star in the industry with its excellent quality and innovative spirit. Since its establishment in 2010, we are about to usher in a glorious 15th anniversary.



Looking back, we started from a small processing plant, with our love and persistence in the automotive paint industry, and continued to grow step by step. Today, we have a huge raw material supply system, high-quality canning production lines and efficient production workshops, forming a complete set of production series. The total area of the company reaches more than 3,000 square meters, providing sufficient space for our production and R&D.





We are proud that we have a strong team of more than 200 professional workers. They are skilled and experienced, and with a high sense of responsibility and professionalism, they ensure that every production process is refined. At the same time, we have more than 10 experienced R&D engineers who keep up with the development trend of the industry, constantly explore and innovate, and are committed to providing customers with better quality, more environmentally friendly and more competitive automotive paint products.

It is worth mentioning that our company has also hired 2 paint mixing masters from PPG, the world's top automotive paint company. With their deep professional knowledge and rich practical experience, they check the color of our products to ensure that the color of each car paint is accurate and bright.



In our product series, 1K bright red car paint is particularly prominent. This car paint uses high-quality raw materials, and after a strict production process and a fine color mixing process, it presents a stunning bright red color. It has excellent hiding power, durability and gloss, which can give the car a unique charm and personality. Whether it is used for car repair or whole vehicle spraying, 1K bright red car paint can show excellent performance and make your car look brand new.



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