



Manufacture Orange Car Paint Topcoat Acrylic Aotu Coat For Automotive Repair

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CarCharm
- Certification: ISO,MSDS,SGS
- Model Number: 135
- 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

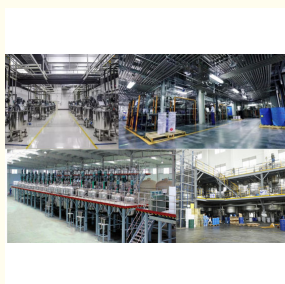


Product Specification

- Name: Orange Red
- Code: 135
- 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: 1K Basecoat
- Highlight: **Automotive Repair Car Paint Topcoat,
Manufacture Car Paint Topcoat,
Acrylic Aotu Car Paint Topcoat**



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Product Description

Orange Automotive Basecoat Paint Acrylic Aotu Coat For Car Repair

Manufacturer introduction: Welcome to Meklon's automotive coating manufacturing plant!

Meklon car paint manufacture factoryplant is situated in Guangzhou, China, covering a large area. It is equipped with advanced production facilities and technologies, dedicated to offering you the top-quality automotive coating products. The spacious and neatly arranged factory has over 3,000 square meters of modern facilities, ensuring an efficient and smooth production process.

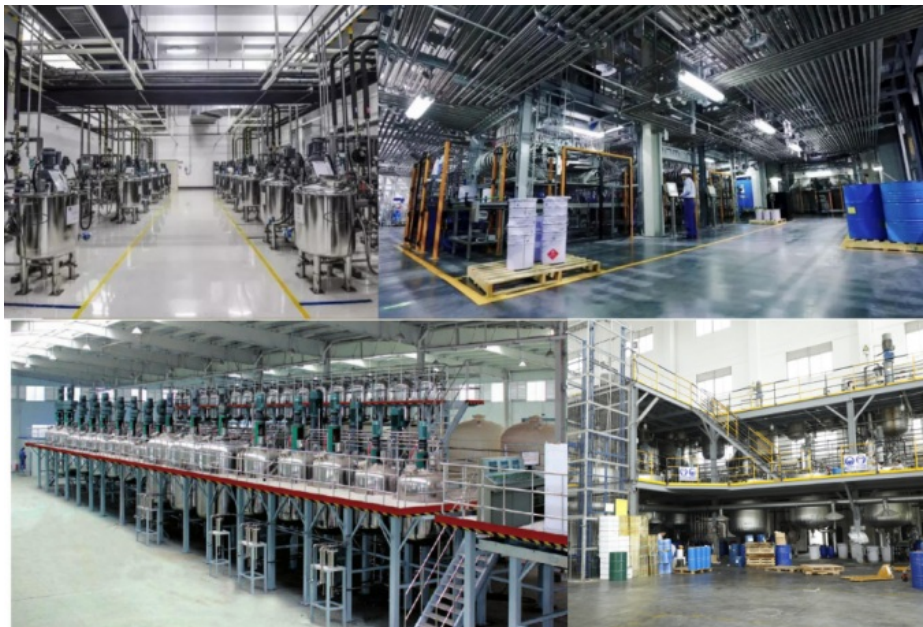
Regarding production equipment, we have made significant investments to introduce internationally leading manufacturing equipment. From precise color-matching systems to advanced mixing devices and high-precision filling production lines, each link is outfitted with the most advanced machinery to guarantee product consistency and high quality.



Quality control is a key part of our production process. We have a professional laboratory with sophisticated testing instruments to strictly test raw materials, semi-finished and finished products. Each batch of automotive paint goes through multiple quality checks, and only products meeting our strict standards are delivered to you.

Meklon's factory also pays attention to environmental protection and sustainable development. Advanced exhaust gas treatment and wastewater purification systems are installed to minimize the environmental impact. Meanwhile, we actively explore the use of more eco-friendly raw materials and production processes to contribute to environmental protection. Our team consists of experienced and skilled professionals. From R&D engineers to production line workers and quality inspectors, everyone is committed to making the most satisfactory automotive paint products for you with their pursuit of quality.

The factory also has flexible production capacity to meet your orders of different sizes. Whether you are a large auto manufacturer or a small auto repair shop, we can provide timely and reliable supply services.



product details:

Orange-red is a vibrant and passionate car paint color. It typically boasts high color saturation and brightness, capable of generating a powerful visual impact and making the vehicle highly eye-catching.

Conspicuous and Warning: It stands out prominently on the road, which significantly helps enhance the vehicle's recognition and boosts driving safety to a considerable extent.

The maintenance of orange-red car paint is of utmost importance. To maintain its vivid color and luster, it is necessary to clean the vehicle regularly and avoid prolonged exposure to harsh environmental conditions. If needed, waxing, coating, or crystal-coating treatments can also be employed.

Meklon's orange color matching is exceptional. Its color paste selects benzimidazolone azo organic orange paste, with a specific surface area of 80m²/g. This enables the color to exhibit high visual saturation from all angles, presenting a distinctive color texture.

In terms of weather resistance, this orange-red car paint performs exceptionally well. It has been meticulously developed and rigorously tested to withstand the challenges of various harsh weather conditions. Whether it's under the scorching sun, violent storms, or extreme cold and heat, its color and performance remain stable over an extended period. Even after prolonged outdoor exposure, it is highly resistant to fading, chalking, or peeling, consistently maintaining your car's brilliant orange-red appearance.

Leveling is another outstanding feature of our paint. It can flow and distribute evenly during the construction process, rapidly forming a smooth and flawless paint film. This not only minimizes defects and rework during the painting process but also significantly improves the efficiency and quality of painting, saving you both time and cost.

Simultaneously, we place significant emphasis on environmental protection. This orange-red car paint adopts a low volatile organic compound (VOC) formula, reducing environmental pollution and potential harm to human health. While fulfilling your aesthetic requirements for the car, it also actively contributes to the cause of environmental protection.

By choosing our orange-red car paint, you not only bestow a unique and charming appearance upon your vehicle but also enjoy the long-term value brought by high-quality, environmentally friendly, and durable products.



Type	1K Orange-red basecoat color paint	
Substrates	Well-sanded, completely dried and good existing finishes as: A. original paint B. old paint firm C. 1K or 2K primer	
Surface Cleaning	Wash by warm soap, remove wax, silicon and other contaminations with degreaser, sanding with P800-P1000, wash with clean water then keep dry, again with degreaser.	
Mixing Ratio	Basecoat	Thinner
<15°C	1K Transparent Blue basecoat color paint	602 Fast Thinner
15-30°C	1K Transparent Blue basecoat color paint	602 Standard Thinner
>30°C	1K Transparent Blue basecoat color paint	602 Slow Thinner
Spray Viscosity	14-16s to drop off, in 4# viscosity cup at 25°C	
Re-Treatment	After Spray, allow 10-20 minutes air-drying time, then spray clear coat at once.	
Spray Gun Set Up	Gravity Feed: 1.2-1.5mm 3-5kg/cm ² Gravity Feed: 1.4-1.6mm 3-5kg/cm ²	
Spray Technology	Coats & Thickness: 2-3 coats, total 15-20um. Flash-Off Time: At 25°C, 5-10 minutes between two coats, it depends on temperature and paint film.	
Shelf Life	2 years in original sealed can, cool and dry place at 25°C	
OEM/ODM	As customers' order	
Package Size	1L*12 Tins or 3.75L*4 Tins	

Note:

1. The substrate must be cleaned and sanded before spray, wet sanding P800-1000 and then dry.
2. At ambient temperature higher than 30°C, add appropriate Retarder Solvent into thinner to avoid blushing. For more details, please refer to technical data sheet of Retarder Solvent.
3. To avoid problems of mottling or poor adhesion, the metallic paint film should be 15-25um.

Mixing Ratio:

	Temperature	Clear Coat	Hardener	Thinner
Temperature & Match	<15°C	Economic/Standard/High Solid Type Clear Coat	Economic/Standard/High Solid Type Fast Dry Hardener	Fast Dry Thinner
	15-25°C	Economic/Standard/High Solid Type Clear Coat	Economic/Standard/High Solid Type Standard Hardener	Standard Thinner
	25-35°C	Economic/Standard/High Solid Type Clear Coat	Economic/Standard/High Solid Type Slow Dry Hardener	Slow Dry Thinner
Mixing Ratio		2	1	0.2-0.5

Car paint preparation:

Cleaning and preparation: Make sure the mixing tools and containers are clean and free of impurities.

Determine the color formula: According to the original color of the vehicle or the required color, refer to the color formula manual or use a computer color matching system to determine the proportion of the required pigment, resin and solvent.

Weighing and mixing: Use precise weighing tools to accurately weigh the ingredients according to the formula. Then mix them step by step and stir them evenly until a uniform color and consistency is achieved.



Car spray painting:

Surface treatment: Thoroughly clean and polish the surface of the car to remove dirt, rust, old paint and uneven areas. Use sandpaper to polish until smooth and clean dust.

Masking protection: Use masking paper and tape to protect areas that do not need to be painted, such as windows, tires, lights, etc.

Preparation for spraying: Pour the prepared paint into the paint cup of the spray gun, and adjust the air pressure, spray shape and paint output of the spray gun.

Painting operation: Keep the spray gun perpendicular to the surface of the car body, about 15-25 cm away, move the spray gun at a constant speed, and use thin spraying in multiple layers, leaving appropriate drying time between each layer.

Drying and curing: Depending on the type of paint used and the environmental conditions, let the painted surface dry naturally or use heating equipment to accelerate drying and curing.

Inspection and finishing: After painting, check the paint surface for defects, sagging or uneven areas, and polish and finish if necessary.

It should be noted that car painting is a professional job that requires certain skills and experience. If you do not have relevant experience, it is recommended to be operated by a professional car painting master to ensure the painting effect and quality.



Factory History and Achievements:

Meklon Automotive Paint Manufacturing Factory was established in 2010. Starting from the initial small-scale production, after years of unremitting efforts and continuous development, it has gradually emerged in the automotive paint industry.

In the early days of its establishment, facing fierce market competition and many technical difficulties, we adhered to the persistent pursuit of quality and innovative spirit, and continued to explore and try. By introducing advanced production technology and equipment and cultivating professional technical personnel, we have gradually accumulated rich production

experience and professional knowledge. We continue to increase investment in research and development and are committed to improving product quality and performance. After countless experiments and improvements, we have successfully launched a series of automotive paint products with independent intellectual property rights, covering a variety of colors and functions, meeting the diverse needs of different customers.

In the past few decades, our factory has achieved many remarkable achievements. Our automotive paint products have not only been widely recognized and praised in the domestic market, but also successfully exported to many countries and regions, winning the favor of the international market.

We have established long-term and stable cooperative relations with many well-known automobile manufacturers, providing them with high-quality automotive paint solutions. At the same time, we actively participate in the formulation of industry standards and promote the advancement of industry technology, making important contributions to the development of the entire automotive paint industry.

Looking back on the past, we are deeply proud; looking forward to the future, we are full of confidence. We will continue to uphold the business philosophy of "quality first, innovation driven, customer first", constantly improve our own strength, provide customers with better products and services, and create more brilliance for the development of the automotive paint industry!



Warehouse Introduction:

Automotive paint has high requirements for storage conditions, so our warehouse is equipped with a constant temperature and humidity control system. This helps maintain the stability and quality of the paint and prevents it from getting wet, clumping or deteriorating.

Due to the chemical content of automotive paint, warehouses must take necessary safety measures. Including fire alarm systems, fire extinguishing equipment, ventilation systems and explosion-proof equipment to ensure the safety of the warehouse.

To effectively manage automotive paint inventory, warehouses often use inventory management systems. These systems can track inventory levels, colors and types and provide real-time inventory information for timely replenishment and dispensing of paint.

Automotive paint warehouses are equipped with quality control procedures and equipment to conduct quality checks on incoming goods. This helps ensure that the quality of the paint is up to standard and reduces the risk of poor repairs or painting results due to quality issues.

In the automotive paint warehouse, our employees must follow specific safety operating procedures. This includes wearing personal protective equipment (e.g., gloves, goggles, masks) and proper handling and storage of paint to prevent accidents and chemical exposure.

Our automotive paint warehouse adheres to environmental laws and regulations to ensure the safe handling and disposal of waste paint, containers and other chemical waste. Including waste classification, garbage disposal procedures and environmental monitoring.



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