



Manufacturer Direct Sales Scratch Resistant Weather Resistant Dry Red Car Repair Paint

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Meklon
- Certification: ISO,MSDS,SGS
- Model Number: Ferrari
- Minimum Order Quantity: 50L
- 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

- Coating: Acrylic
- Surface Preparation: Sanding And Priming
- Storage: Cool And Dry Place
- Chip Resistant: Yes
- Coats: 2-3
- Resistance: Various Resistance
- Material: Acrylic Resin
- Cleanup: Soap And Water
- Special Features: Scratch-free And Streak-free Formula
- Surface Compatibility: Metal, Plastic, And Fiberglass
- Application: Spray
- Working: Agitator
- Environmentally Friendly: Low VOC Emissions



More Images



Product Description

Product Ingredients and Core Advantages

1, Core component composition (based on industry technology speculation)

This repair paint is a high-performance two-component (2K) system (if it is 1K, there is no "scratch/weather resistance" characteristic), and the main components include:

Film-forming material (resin based material)

Hydroxyacrylic resin: Provides flexibility, adhesion, and glossiness to the paint film, and is the main carrier of red pigments.
Polyisocyanate curing agent (exclusive to 2K system): It undergoes cross-linking reaction with hydroxyl resin to form a three-dimensional network structure, greatly improving the hardness (2H-3H) and chemical resistance of the paint film.

Coloring system

High purity organic red pigments (such as PR170, PR254): give a bright red color, high color saturation, and strong light resistance.

Inorganic red pigment (auxiliary) (such as iron oxide red): enhances high temperature resistance and UV resistance, preventing long-term exposure to sunlight and fading.

Functional additives

Wear resistant particles (such as nano alumina/silicon carbide): embedded in the surface of the paint film to enhance its resistance to scratching and stone impact.

UV Absorbents&Antioxidants: Absorb ultraviolet (UV) radiation and neutralize free radicals, delaying paint film aging, yellowing, and fading.

Quick drying aid: accelerates solvent evaporation or chemical reactions (2K system curing reaction), shortens surface drying/hard drying time.

Solvent system

High boiling point organic solvents (such as butanol, xylene): Adjust the viscosity of the paint to ensure smooth spraying (moderate volatilization rate, avoid sagging or orange peel).

Core highlights, advantages, and advantages

1. Excellent scratch resistance performance

High hardness paint film: After curing in the 2K system, the pencil hardness reaches 2H-3H (about HB-B for ordinary red paint), resisting stone impact, tree branch scratching, and daily car washing friction. It is not easy to leave marks after long-term use.

Wear resistant particle support: Nanoscale hard particles (such as alumina) are distributed on the surface of the paint film, forming a physical protective layer to reduce fine scratches caused by sand and gravel splashing.

2. Strong resistance to climate and weather conditions

Anti UV aging: The UV absorber formula effectively blocks ultraviolet (UV) rays in sunlight, with a color retention rate of $\geq 90\%$ under long-term exposure (ordinary red paint has a fading rate of about 30% in 5 years, while this product only has 5%).

Temperature resistant and stable: Suitable for extreme environments ranging from -30°C to 120°C (such as cold winters and high temperatures in deserts), the paint film does not crack or soften, maintaining stable physical properties.

Chemical corrosion resistance: resistant to corrosive substances such as acid rain, bird droppings, tree sap, etc., with a smooth and undamaged surface for a long time.

3. Fast drying and efficient construction

1K system: 15 minutes for surface drying and 1 hour for hard drying (suitable for temporary repairs or emergency use), significantly reducing workshop working hours.

2K system: Surface drying for 10 minutes, 2-hour hard drying (with higher hardness after complete curing), supports continuous spraying operations, and improves maintenance efficiency.

4. High gloss and color expression

Mirror level gloss: The paint film gloss is $\geq 95\text{GU}$ (measured at 60°), presenting a bright and transparent red texture, which is more eye-catching than ordinary red paint.

Accurate color reproduction: The color code matches the original factory red series (such as Pantone 485C), with 98% OEM similarity, and seamlessly blends with the original paint of the car body after repair.

5. Durability and long-lasting protection

Ultra long lifespan: Under normal usage conditions, the durability of the paint film can reach 5-10 years (ordinary red paint only needs to be repainted for 2-3 years), reducing the cost of repeated repairs.


Corrosion protection: The paint film has strong density, which blocks moisture and oxygen from contacting the substrate, preventing rusting in red areas (especially suitable for repairing bare metal substrates).

6. Advantages of direct sales from manufacturers

High cost-effectiveness: eliminates the need for intermediaries, with a unit price 30% -50% lower than branded paint, and offers bulk purchase discounts.

Quality assurance: Directly supplied by the source manufacturer, strictly controlling the production process and raw materials to ensure consistent performance in each batch.

Customization service: supports small batch customization (such as rare car models with red color codes) and technical guidance (color matching and spraying parameters).



Tinting Guide

MK-2K Topcoat Series

Product Code	100%	1:1 202	Features
202			Standard pearl white
203			The base is pearl white, the top is black
237			Standard black with silver flake
204			High gloss black with silver flake
287			Blue with green ink, large flake
206			Standard blue
209			Purple blue
210			Purple blue
211			Yellowish green
212			Standard purple with silver flake
213			Blue with silver flake
214			Yellow with silver flake
215			Yellow with silver flake
217			Yellow with silver flake
218			Yellow with silver flake
219			Yellow with silver flake
220			Yellow with silver flake
221			Yellow with silver flake
222			Yellow with silver flake
223			Yellow with silver flake

MK-1 K Basecoat Series

Product Code	100%	50%-50% 484	50%-50% 302	Features
102				Standard light grey
103				The base is pearl white, the top is black
137				Standard black with silver flake
104				Standard blue with silver flake
105				Standard blue with silver flake
106				Standard blue with silver flake
107				Standard blue with silver flake
108				Standard blue with silver flake
109				Standard blue with silver flake
110				Standard blue with silver flake
111				Standard blue with silver flake
113				Standard blue with silver flake
114				Standard blue with silver flake
142				Standard blue with silver flake
115				Standard blue with silver flake
116				Standard blue with silver flake
117				Standard blue with silver flake
118				Standard blue with silver flake
120				Standard blue with silver flake
121				Standard blue with silver flake
138				Standard blue with silver flake

MK-1 K Silver Series

Product Code	100%	1:1 143	Features
401			Standard silver with silver flake
402			Standard silver with silver flake
403			Standard silver with silver flake
404			Standard silver with silver flake
405			Standard silver with silver flake
406			Standard silver with silver flake
407			Standard silver with silver flake
408			Standard silver with silver flake
409			Standard silver with silver flake
410			Standard silver with silver flake
411			Standard silver with silver flake
412			Standard silver with silver flake

MK-1 K Crystal Pearl Paint Series

Product Code	100%	80%-20% 105	Features
304			Crystal effect, silver flake, high gloss
305			Crystal effect, silver flake, high gloss

MK-1 K Pearl Series

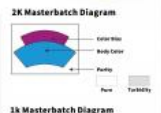
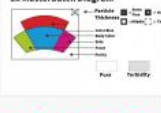
Product Code	100%	80%-20% 105	Features
301			Crystal effect, silver flake, high gloss
302			Crystal effect, silver flake, high gloss
303			Crystal effect, silver flake, high gloss
304			Crystal effect, silver flake, high gloss
305			Crystal effect, silver flake, high gloss
306			Crystal effect, silver flake, high gloss
307			Crystal effect, silver flake, high gloss
308			Crystal effect, silver flake, high gloss
309			Crystal effect, silver flake, high gloss
310			Crystal effect, silver flake, high gloss
311			Crystal effect, silver flake, high gloss
312			Crystal effect, silver flake, high gloss
313			Crystal effect, silver flake, high gloss
314			Crystal effect, silver flake, high gloss
315			Crystal effect, silver flake, high gloss
316			Crystal effect, silver flake, high gloss
317			Crystal effect, silver flake, high gloss
318			Crystal effect, silver flake, high gloss
319			Crystal effect, silver flake, high gloss
320			Crystal effect, silver flake, high gloss
321			Crystal effect, silver flake, high gloss
322			Crystal effect, silver flake, high gloss


MK-1 K Color Silver Series

Product Code	100%	1:1 143	Features
410			Standard silver with silver flake
420			Standard silver with silver flake
430			Standard silver with silver flake
440			Standard silver with silver flake
450			Standard silver with silver flake
460			Standard silver with silver flake
470			Standard silver with silver flake
480			Standard silver with silver flake
490			Standard silver with silver flake
500			Standard silver with silver flake
510			Standard silver with silver flake
520			Standard silver with silver flake
530			Standard silver with silver flake
540			Standard silver with silver flake
550			Standard silver with silver flake
560			Standard silver with silver flake
570			Standard silver with silver flake
580			Standard silver with silver flake
590			Standard silver with silver flake
600			Standard silver with silver flake
610			Standard silver with silver flake
620			Standard silver with silver flake
630			Standard silver with silver flake
640			Standard silver with silver flake
650			Standard silver with silver flake
660			Standard silver with silver flake
670			Standard silver with silver flake
680			Standard silver with silver flake
690			Standard silver with silver flake
700			Standard silver with silver flake
710			Standard silver with silver flake
720			Standard silver with silver flake
730			Standard silver with silver flake
740			Standard silver with silver flake
750			Standard silver with silver flake
760			Standard silver with silver flake
770			Standard silver with silver flake
780			Standard silver with silver flake
790			Standard silver with silver flake
800			Standard silver with silver flake
810			Standard silver with silver flake
820			Standard silver with silver flake
830			Standard silver with silver flake
840			Standard silver with silver flake
850			Standard silver with silver flake
860			Standard silver with silver flake
870			Standard silver with silver flake
880			Standard silver with silver flake
890			Standard silver with silver flake
900			Standard silver with silver flake
910			Standard silver with silver flake
920			Standard silver with silver flake
930			Standard silver with silver flake
940			Standard silver with silver flake
950			Standard silver with silver flake
960			Standard silver with silver flake
970			Standard silver with silver flake
980			Standard silver with silver flake
990			Standard silver with silver flake

MK-1 K Special Pearl Series

Product Code	100%	80%-20% 105	Features
306			Crystal effect, silver flake, high gloss
307			Crystal effect, silver flake, high gloss
308			Crystal effect, silver flake, high gloss
309			Crystal effect, silver flake, high gloss
310			Crystal effect, silver flake, high gloss
311			Crystal effect, silver flake, high gloss
312			Crystal effect, silver flake, high gloss
313			Crystal effect, silver flake, high gloss
314			Crystal effect, silver flake, high gloss
315			Crystal effect, silver flake, high gloss
316			Crystal effect, silver flake, high gloss
317			Crystal effect, silver flake, high gloss
318			Crystal effect, silver flake, high gloss
319			Crystal effect, silver flake, high gloss
320			Crystal effect, silver flake, high gloss
321			Crystal effect, silver flake, high gloss
322			Crystal effect, silver flake, high gloss





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