



1K2K Car Paint With High Expressive Power And High Coverage Dark Red Car Paint

Our Product Introduction

Basic Information

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

- Formula: Mekloncolormix
- Chip Resistant: Yes
- Coats Required: 2-3
- Product: Ready Mixed Paint
- Material: Acrylic Resin
- Voc Content: Low
- Suitable Surfaces: Metal, Plastic, Fiberglass
- Safety Features: Non-toxic, Non-flammable
- Odor: Low
- High Light: Ready Mixed Car Paint
- Specification: 1Lx12



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Product Description

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Comparing dimensions	1K car paint (single component)	2K Automotive Paint (two-component)
Composition of ingredients	Containing only resin, pigment, and solvent (without curing agent), it forms a film by solvent evaporation and drying.	Composed of main paint (resin+pigment)+curing agent (isocyanate)+diluent, it needs to be mixed and undergo chemical reaction for curing.
Drying/curing principle	Physical drying: relying on the natural evaporation of solvents, the paint film gradually hardens (greatly affected by environmental temperature and humidity).	Chemical curing: After mixing the main paint with the curing agent, a cross-linking reaction occurs to form a dense network structure (with controllable drying speed).
Drying time	The surface dries quickly (about 10-30 minutes), but complete drying takes several hours to a day (slow solvent evaporation).	Dry for 15-30 minutes, dry for 2-4 hours, and fully cure for 24 hours (complete chemical reaction).
Hardness and Wear Resistance	The paint film is relatively soft (pencil hardness about HB-B), easy to scratch, and prone to wear and tear due to long-term friction (suitable for temporary repair or low-cost needs).	The paint film is extremely hard (pencil hardness 2H-3H), wear-resistant, scratch resistant, and has strong resistance to stone impact (suitable for long-term use as topcoat/primer).
Adhesion	Generally, the adhesion to the substrate (such as metal/plastic) is weak, and it is necessary to rely on the primer to enhance the bonding.	Extremely strong, the curing reaction forms a chemical bond between the paint film and the substrate (especially when combined with specialized primers).
Construction convenience	Simple: No need to mix curing agents, can be used immediately, suitable for beginners or small area repairs.	Complexity: It is necessary to strictly mix according to the ratio (usually 2:1 or 4:1 main paint: curing agent), and precisely control the amount of diluent added (errors affect the curing effect).
Applicable scenarios	-Temporary repair (such as covering small scratches) -Interior/non exposed parts painting -Low end demand that is cost sensitive	-Original factory paint/repair paint for automobiles -High end modification/exhibition car painting -Industrial components that require long-term durability, such as bumpers and wheels
Storage stability	Stability: unopened can be stored for 2-3 years (away from light and at room temperature), and should be used up as soon as possible after opening (solvent is volatile).	The main paint is stable alone (1-2 years), but it must be used up within 4-8 hours after mixing (cannot be continued after the curing reaction is initiated).
Cost	Low: The unit price is cheap, and there is no need to purchase additional curing agents.	High: The unit price is relatively high and requires the purchase of curing agents (increasing the total cost by about 30% -50%).
Typical usage examples	Repairing minor scratches on the car body (temporary covering), refurbishing interior plastic parts, and low-cost model painting.	Original factory new car paint, accident car full body repair, high-end customized car paint (such as metal paint/pearl paint), and protective coating for racing car components.

Meklon's 1K automotive paint delivers fast, solvent-based drying for quick repairs and budget-friendly projects. With easy "ready-to-use" application (no hardener needed), it's ideal for touch-ups, interior trims, or low-traffic areas. While softer than 2K (HB-B hardness), it offers smooth coverage and decent adhesion for short-term durability. Affordable (2-5 USD/L) and low-VOC compared to solvent-heavy alternatives, it's a smart choice for DIY enthusiasts or cost-conscious repairs needing speedy results. Trust Meklon for hassle-free, entry-level paint solutions.



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