



More than colour

CHROMATIC 2K ACRYLIC ENAMEL PAINT

PRODUCT DESCRIPTION AND USES:

Chromatic 2k acrylic enamel paint is a two-component acrylic resin-based coating mixed with isocyanate hardener. It is characterized by high gloss, high abrasion and chemical resistance, high gloss retention, quick drying and flexibility. It has been specially formulated to withstand exposure to the tropical climate, and is virtually scratchproof. It is also a low-bake system that can be force dried to reduce processing times. It is used in cases where a high quality finish is required, on Suitably primed or previously painted mild steel, galvanized iron, aluminium, fiberglass and wood and is ideal for re-coating and repairing of commercial and passenger vehicles providing a superior appearance and exterior.

ADVANTAGES:

- Durable
- Excellent UV protection and Color retention.
- Excellent resistance petrol, mild chemicals, mechanical abrasion and harsh weather conditions.

CONDITIONS DURING APPLICATION:

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying.

SURFACE PREPARATION:

New Mild Steel

Degrease. Repair dents. Sand with P80 - P120 sand paper, prime with 2K Acrylic Primer and apply 2 coats of 2K Acrylic Enamel

New galvanized Iron, Aluminium & Fiberglass

Degrease. Repair dents. Sand with P80- P120 sand paper. apply 1 coat of 2K Etch Primer followed by 2K Acrylic Primer and apply 2 coats of 2K Acrylic Enamel

New wood

Ensure the wood is dry. Sand along the grain with P320 Sandpaper. Dust off with cloth damped in thinner, prime with 2K Acrylic Primer and apply 2 coats of 2 coats 2K Acrylic Enamel

Surfaces previously Painted in 2K Acrylic only

Remove loose paint Remove rust with rust remover Sand with P320-P400 sand paper, Patch prime bare areas with 2K Acrylic Primer and apply 2 coats of 2K Acrylic Enamel

MIXING RATIO:

4 parts Base: 1 part Hardener: 1 part Thinner (by volume)

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MIXING:	This product is highly susceptible to moisture and should be mixed/stored in dry, non humid conditions. After mixing base, hardener and thinner in the correct ratio, allow to stand for 5-7 minutes for bubbles/effervescence to subside, before use. Hardener contains isocyanate - ensure adequate ventilation and good booth extraction when spraying and put on respirator
COLOUR RANGE:	A range of solid colours, toners & metallic silver plus clear.
APPLICATION:	Spray. Brush may also be used for lower quality jobs
THINNER & EQUIPMENT CLEANER:	Chromatic 2K Acrylic Thinner
DRYING TIME:	Surface Temperature 15 - 25oC, Touch Dry 1 hour, Hard Dry 6 hours, Over coating/Repair Time 6 hours, Pot life 8 hours. Surface Temperature 26 - 30oC, Touch dry ¾hour, Hard Dry 4 -5 hours, Over coating/Repair Time 5 hours, Pot life 6 hours. Surface Temperature 31 - 35oC, Touch Dry ½hour, Hard Dry 3 hours, Over coating/Repair Time 4 hours, Pot life 4 hours.
SPREADING CAPACITY:	Depends on film thickness applied, primer porosity, imperfections, temperature & wastage during painting. 8 - 10 m ² /l per coat. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.
PACK SIZES:	1 litre and 4 litres Base
FINISH:	High Gloss
CONDITIONS DURING APPLICATION:	The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying.
SOLIDS:	60%-62% (by weight).
SUPPLY VISCOSITY:	45-50 seconds B4 Cup @25°C.

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DRY FILM THICKNESS: 40-45 μm

HARDNESS: Minimum 4H (after 24 hours).

GLOSS: Minimum 94% @ 20o angle

FLEXIBILITY: Passes Conical Mandrel (7mm) after 24 hours.

CHEMICAL CHARACTERISTICS: Acid Resistance: Passes 0.1 (N) H₂SO₄ for 2 hours at 30 degrees C.
Petrol Resistance: Passes 4 hours immersion at 25 degrees C.
Humidity and Salt Spray: Passes 168 hours and 96 hours respectively. (As per ASTM specification)

DISCLAIMER

The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable.

No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond the control of Chromatic Paints Uganda.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Chromatic Paints Uganda reserves the right to amend the TDS without any further notice. It is the responsibility of the user to ensure that the latest TDS is being used for reference

For health & safety information, please refer to our Material Safety Data Sheet (MSDS)

