

Hard & Gloss

High quality
enamel paint for metal



THINNING
0-5%



COVERAGE
14-16m²/L



TOOLS
brush, roller
or air-gun



DRY TO TOUCH
2-3 hours



High quality solvent-borne enamel paint for metals. Ensures excellent coverage and gloss and is ideal for the painting of any metallic surface indoors and outdoors such as railings, doors, windows, garage doors, etc. It offers corrosion protection when the appropriate primer is applied. It features excellent leveling, easy brushing, and providing a glossy, smooth and durable surface with a perfect finish. It dries quickly and evenly, forming a hard and elastic surface.

» **Excellent Hardness**

» **High Durability**

» **Superior Finish**

TECHNICAL DATA

Binder Type	Alkyd resins
Specific Gravity* {ISO 2811 @ 25°C}	0.93-1.25Kg/L
Solids Content w/w* {ISO 3251-03}	60% (±5)
Stormer Viscosity* {ASTM D 562-05 @ 25°C}	75KU (±15) Black Mat: 95KU (±15)
Application Viscosity {ASTM D 562-05 @ 25°C}	60KU (±15)
Gloss @ 20° {ISO 2813-99}	>80.0 units
Gloss @ 60° {ISO 2813-99}	>90.0 units Black Mat: <3.0
Gloss @ 85° {ISO 2813-99}	<9.0 units (Black Mat)
Whiteness Index** {ASTM E 313-98}	86.0 (±1)
Yellowness Index** {ASTM E 313-98}	1.0 (±0.5)
Drying Time (Recorder) {ASTM D-5895}	1-3h
König Pendulum Hardness* {ISO 1522}	40-60sec 7days @ 100µm WFT
Cross Cut (Adhesion) {ISO 2409}	Class: 0 (<5% defoliation on ferrous substrate R-36)
Coverage per coat***	14-16m ² /L
Recommended Dry Film Thickness (2 coats)	80µm (±10)

* Depending on the shade.

** Only for white.

*** Depending on the shade, the application conditions and surface absorption.



One-pack performance coatings (A/i), (SB)

- VOC Limit Value: 500g/L
- The maximum VOC content of the product in its ready to use condition: 499g/L

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SURFACE PREPARATION

- » To ensure good adhesion, the surface must be dry, clean and free of dust, grease, residues, blistered paint etc. In case of rusty surfaces, sand and remove residues. Wet sanding is recommended for the surface preparation.
- » **On new metallic surfaces:** Before applying the topcoat, apply 1-2 coats of KRAFT RUST BLOCKER or KRAFT MINIO.
- » **On painted metallic surfaces:** Remove all loose or peeling paint by scraping and sanding. Apply directly 2 coats of the topcoat.

APPLICATION INSTRUCTIONS

- » Avoid applying in case of expected rain in the next 5 days.
- » Before start painting, dilute the paint by adding up to 5% by volume KRAFT BRUSH THINNER or KRAFT NITRO 1100 for spray gun application and stir well.
- » Appropriate application tools for this product are brush roller or spray-gun.
- » Apply 2 coats of KRAFT HARD & GLOSS for the best result.
- » Apply it outdoor or in a well-ventilated area.
- » Minimum recoat time is 16 hours.
- » The surface drying time is 2-3 hours at 25°C and 50% relative humidity (drying times are longer in wet/cold conditions).
- » For reducing drying time and increasing the toughness instead of solvent, add up to 8% by volume the hardener KRAFT HARD METAL EXTRA. The mixture must be used within 8h.

AFTER USE INSTRUCTIONS

- » Do not apply at temperatures below 5°C and above 35°C and above 65% relative humidity.
- » Clean the tools thoroughly with KRAFT BRUSH THINNER, water and soap.
- » Close the bucket well to maintain in good condition for future use. Store before and after opening in a cool place and away from sunlight or frost conditions.
- » The painted surface must be used after 48h and the through drying of the paint.
- » The painted surface is washable after at least 30 days from the application.

PACKAGING

- » It is available in white and 38 ready-made shades in 0.180L, 0.375L, 0.750L and 2.5L containers.

HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

Read label before use. For further information please refer to the Material Safety Data Sheet.

Poison Centre Telephone:

+30 210 7793777

STORAGE

- » Store the product before and after opening at temperatures between 5°C to 35°C.

DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.gr, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

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