

Hard Duko™ Classic



THINNING
0-5%



COVERAGE
14-16m²/L



APPLICATION
brush, roller,
airless spray gun



DRY TO TOUCH
2-3 hours

High performance enamel
paint for metals

» High durability

Acrylic modified alkyd enamel paint featuring exceptional resistance to sunlight and high hardness. It maintains shade and gloss in adverse weather for many years. Ideal for exterior metal surfaces such as garage doors, railing, machinery, industrial equipment etc. It provides anti-corrosion protection after the appropriate primer has been applied. It dries quickly and evenly, forming a hard and elastic surface. It features excellent leveling and easy application, creating a smooth and durable surface with a perfect finish.

A/i (SB) One-pack performance coatings

- VOC Limit Value: 500g/L
- Maximum VOC concentration of the ready to use product: 499g/L

» Excellent hardness

» Excellent coverage

TECHNICAL DATA

Binder Type	Alkyd/acrylic resins	
Density ISO 2811 @ 25°C	0.91-1.23 g/mL*	
Solids Content w/w ISO 3251-03	59.5% (±5)*	
Viscosity ASTM D 562-05 @ 25°C	95KU (±20)	
Application Viscosity ASTM D 562-05 @ 25°C	60KU (±15)	
Gloss Level @ 60° ISO 2813	Glossy	Satin
	>85GU	50GU (±15)
Whiteness Index ASTM E 313-98	80.0 (+/-5)**	
Yellowness Index ASTM E 313-98	1,0 (±1)**	
Drying Time (Recorder) ASTM D-5895	1 – 3 h	
König Pendulum (Hardness) ISO 1522	40-70 sec 7days @ 100µm WFT *	
Cross Cut (Adhesion) ISO 2409	Class 0: (<5% defoliation on metallic panel R-36	
Coverage per coat	14-16m ² /L***	
Recommended dry film thickness (2 coats)	80 µm (±10µm)	

* Depending on the shade

** Only for whites

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

Hard Duko™ Classic

Highly performance enamel
paint for metals

SURFACE PREPARATION

- » To ensure good adhesion, the surface must be dry and free of dust and residues, and to be cleaned with KRAFT BRUSH SOLVENT. Remove all rotten or peeled paints. The previously painted surfaces should be sanded with a proper sandpaper to a dull finish. Wet sanding is recommended wherever possible, to avoid dust generation and exposure to it.
- » **On new metallic surfaces:** Before applying the topcoat, apply 1-2 coats of **KRAFT RUST BLOCKER** or **KRAFT MINIO** and optionally 1 coat of **KRAFT METAL PRIMER** for anticorrosion protection.
- **On galvanized or aluminum surfaces:** First apply 1-2 coats of **KRAFT MULTI PRIMER** and let dry for 24 hours.
- **On painted metallic surfaces:** Check the surface stability. Remove all existing residues of old paints and directly apply 2 coats of **KRAFT HARD DUKO CLASSIC**.

APPLICATION INSTRUCTIONS

- » In case of expected rain, avoid applying in the next 5 days.
- » Before start painting, thin the product up to 5% v/v with KRAFT BRUSH SOLVENT or KRAFT NITRO 1100 for application with an airless spray gun and stir well.
- » You can apply with a brush, a roller or an airless spray gun.
- » Apply 2 coats of KRAFT HARD DUKO CLASSIC for an ideal result.
- » To be applied in an open or well-ventilated space.
- » Minimum recoating time: 16 hours.
- » Dry to touch: 2-3 hours at 25°C and 50% relative humidity.
- » For a shorter drying time and higher hardness, add up to 8% v/v KRAFT HARD METAL EXTRA hardener. The mixture should be applied within 8-12 hours.
- » Do not apply at temperatures below 5°C or above 35°C and at a relative humidity 65% or higher.

AFTER USE INSTRUCTIONS

- » Clean the tools immediately with KRAFT BRUSH SOLVENT and then with warm water and soap.
- » Close the canister well to keep it in good condition for future use. Store before or after opening in a cool place, avoiding sunlight or frost conditions.
- » The painted surface should not be used earlier than 48 hours after painting and not unless it is completely dry.
- » The painted surface should not be washed earlier than 30 days after application.

PACKAGING

Available in glossy and satin white, in satin black and in tinting bases P, D, A, in 0.75L and 2.5L containers.

HEALTH, SAFETY & ENVIRONMENTAL PROTECTION INSTRUCTIONS

Read the label carefully before use. For more information, please refer to the Safety Data Sheet.

Poison Centre Telephone:

+30 210 7793777

STORAGE

Store the product at temperatures between 5°C and 35°C away from direct sunlight and rain, for a maximum of 24 months from the date of production. Keep containers tightly closed when not in use.

09/2023 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

2/2

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.com, 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.

DRUCKFARBEN HELLAS S.A.

ASPROPYRGOS 19 300, ATTICA - GREECE | TEL.: +30 210 55 19 500 - FAX: +30 210 55 19 501
www.druckfarben.gr | www.kraftpaints.gr



Toll-free number

800 111 7700 Monday - Friday, 8.00 am - 04.00 pm
e-mail: paints.orders@druckfarben.gr