

METALOID

anti-corrosive alkyd enamel paint

- quick drying
- high gloss finish
- long-lasting protection

Highly resistant anti-corrosive enamel paint. Deactivates rust and protects metal surfaces against moisture-induced corrosion, UV radiation and adverse weather conditions. Apply directly on rust without previous application of red lead or anti-corrosive primer for metal surfaces. Ensures a high gloss finish, non yellowing over time. Quick-drying, shock and wear resistant. Easy to work, non drip formulation, perfect flow, no brush or roller marks. Ideal for metal surfaces, such as doors, balustrades, steel structures, machinery, vehicles and industrial equipment.

COVERAGE	13±2m ² /L
FINISH	GLOSS
THINNING	5-10% WHITE SPIRIT/THINNER 135
DRYING TIMES	1-2 hours*
RECOATING TIMES	4-6 hours*
RECOMMENDED NUMBER OF COATS	2 coats*
TOOLS	roller, brush or airless paint sprayer

* Lower temperatures or higher relative humidity will prolong drying and recoating times.



TECHNICAL CHARACTERISTICS

TYPE	ALKYD RESINS	
SPECIFIC GRAVITY	WHITE 500	1.20 ±0.05gr/cm ³
	BLACK 505	1.10 ±0.05gr/cm ³
	READY-MADE SHADES	1.10 ±0.05gr/cm ³
SOLIDS w/w (ISO 3251-03)	65±2 % **	
SOLIDS w/v (ISO 3233-98)	49±3 % **	
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 85±5 *	
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 70±5 *	
HIDING POWER (ISO 3905)	97% 150µm wet film**	
WHITENESS INDEX (ASTM E 313-05)	≥ 75	
YELLOWNESS INDEX (ASTM E 313-05)	≤ 4	
GLOSS (60°) (ISO 2813-99)	96±1 *	
GLOSS (20°) (ISO 2813-99)	90±3 *	
HARDNESS (König) (ISO 1522-00)	60±10 sec, after 7 days	
RESISTANCE IN WATER	OK	
RECOMMENDED DRY FILM THICKNESS	90µm (±5µm) / 2 coats	
APPLICATION TEMPERATURE	min 5°C -max 30°C	

*differs depending on the shade.

**valid only for white.

REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/i: one-pack performance coatings): 500 g/L (2010). This product contains max: 499 g/L VOC.

TECHNICAL DATA SHEET

EDITION: JANUARY 2019

D500 | **METALAID**

REPLACES ALL EARLIER VERSIONS

METAL
COATINGS
&
PRIMERS

D

SURFACE PREPARATION

Carefully prepare surface to obtain good results. Remove all weathered coatings, loose materials and oils. Sand surface smooth and remove sanding residue with a rag.

Dust and/or hazardous fumes are generated during dry grinding or flame cutting/ welding on previously painted surfaces. Treat by wet grinding only if necessary. If local exhaust ventilation cannot minimise the exposure effects, the appropriate breathing apparatus must be used.

▶ **Rusted previously painted metal surfaces:**

Remove all traces of rust or old paint with a wire brush. Apply 2-3 coats of METAL AID.

▶ **Old galvanized, zinc, aluminium, bronze, chromium or copper surfaces:**

Sand surface lightly. Prime with ANTIRUST, 1 coat. Leave at least 12-15 hours before application of METAL AID, 1-2 coats.

▶ **New metal:**

Apply 2 coats of METAL AID. For optimum anti-corrosive protection, prime with ANTIRUST or MARIN MINIO.

INTENDED USE

METAL

APPLICATION

- ▶ Stir well before use.
- ▶ Sand surface smooth with the right sandpaper for the task before painting.
- ▶ Apply two coats with a roller or brush thinned with WHITE SPIRIT by 5-10% or thinned with airless gun thinner THINNER 135 by 5-15% for application with an airless gun.
- ▶ Wait for the first coat to fully harden before applying the second coat.
- ▶ To improve the chemical and mechanical resistance of the final surface, add ADDITIVE 220 by 10-20% by volume (pot life: 8 hours).

USEFUL INFORMATION

- ▶ To ensure the best film thickness for maximum anti-corrosive protection, it is best to apply METAL AID in minimum 2 coats.

PACKAGING

- ▶ White/ Black/ Ready-made shades. Available in containers of 750ml and 2.5L.
- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product

quality, always add COLORTOUCH COLORANTS to D.G.K. Pellachrom Tinting System to create the tint of your choice.

STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean tools with WHITE SPIRIT and then, with soap or detergent. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.



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