

TECHNICAL DATA SHEET

EDITION: MARCH 2025

D200 | **METAL-X**

REPLACES ALL EARLIER VERSIONS

metal
coatings & primers

D

METAL-X

alkyd metal enamel

- quick drying
- high gloss finish
- anti-corrosive finish

Gloss alkyd enamel of extreme resistance and toughness for interior and exterior metal. Ensures a high gloss, anti-corrosive finish, non yellowing over time. Quick-drying, shock and wear resistant. Unaltered shades in adverse weather conditions, withstanding frequent washing. Suitable for metal surfaces, such as doors, balusters, iron structures, machinery, vehicles, industrial equipment, tools and any metal structure. Easy to work, easy flow. Provides a protective and fine finish.

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

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



TECHNICAL CHARACTERISTICS

TYPE	ALKYD RESINS	
SPECIFIC GRAVITY	WHITE BASES/ READY-MADE SHADES	1,19 ±0,05g/cm ³ 0,98-1,20±0,05g/cm ³
SOLIDS w/w (ISO 3251-03)		65±2 % *
VISCOSITY (ASTM D 562-05 @ 25°C)		KU 90±10 *
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)		KU 70±10 *
HIDING POWER (ISO 3905)		98% 150µm wet film*
WHITENESS INDEX (ASTM E 313-05)		≥ 80*
YELLOWNESS INDEX (ASTM E 313-05)		≤ 4*
GLOSS (20°) (ISO 2813-99)		86±2 *
GLOSS (60°) (ISO 2813-99)		92±3 *
HARDNESS (König) (ISO 1522-00)		60±10 sec, after 7 days
APPLICATION TEMPERATURE		min 5°C-max 30°C

*valid only for white.

DIRECTIVE 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.

PELLACHROM RIZARI AREA-EDESSA-58200, GREECE

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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.

▶ **Previously painted metal surfaces:**

Sand the surface with the right sand paper for the task to obtain a non-glossy appearance. Apply 2 coats of METAL-X.

▶ **New metal:**

For a better anti-rust protection, prime with ANTIRUST or MARINE MINIO. Sand the surface smooth before application of the top coat. Apply 1-2 coats of METAL-X.

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%. For application with an airless spray gun, thin with THINNER 135 used in airless spray guns by 5-15%.
- ▶ Wait for the first coat to fully harden before applying the second coat.
- ▶ To improve the chemical and mechanical resistance of the top coat, add ADDITIVE 220 by 10-20% by volume (pot life: 8 hours).

USEFUL INFORMATION

- ▶ Tints are created exclusively using METAL-X bases in our COLORTOUCH tinting system. The addition of special COLORTOUCH COLORANTS is indispensable.

PACKAGING

- ▶ White/ Black/ Ready-made shades (and RAL shades) from our colour paint chart. Available in containers of 350ml, 750ml, 2.5L and 10L.
- ▶ Bases (01,02,03): Available in containers of 750ml and 2.5L.

- ▶ Create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, tint always the Base recommended by Pellachrom Tinting System.

STORAGE

Two (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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DECORATIVE & MARINE COATINGS