

TECHNICAL DATA SHEET

EDITION: MARCH 2025

D590 | **ANTIRUST**

REPLACES ALL EARLIER VERSIONS

metal
coatings & primers

D

ANTIRUST

alkyd anti-rust metal primer

- anti-rust protection
- quick-drying
- strong adhesion

Alkyd anti-rust undercoat for new or previously coated iron surfaces, weathered galvanized surfaces and other exterior and interior metal surfaces. Its specially processed anti-rust agents protect metal surfaces against corrosion and rust. Due to its excellent adhesion to iron and other coated surfaces, ANTIRUST can also be used as an intermediate protective layer. Ensures a smooth surface for premium finishes.

COVERAGE	10±2m ² /L
FINISH	MATT
THINNING	5-15% 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 RESIN	
SPECIFIC GRAVITY	WHITE 590 GREY 591 OXIDE RED 592 BLACK 593	1,40 ±0,10g/cm ³
SOLIDS w/w (ISO 3251-03)	70±2 % *	
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 95±10 *	
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 70±10 *	
HIDING POWER (ISO 3905)	88% 150µm wet film*	
HARDNESS (König) (ISO 1522-00)	65±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.

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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 and clean sanding residue. Prime with ANTIRUST undercoat, 1-2 coats.
- ▶ **New metal:**
Degrease using THINNER 135 applied with a brush. Prime with ANTIRUST undercoat, 1-2 coats.

INTENDED USE

 METAL

APPLICATION

- ▶ Stir well before and during application.
- ▶ Before application of the top coat, sand surface smooth with the appropriate sanding paper and remove sanding residue.
- ▶ Apply two coats with a roller or brush thinned with WHITE SPIRIT by 5-15%. For application with an airless spray gun, thin with THINNER 135 used in airless spray gun by 10-20%.
- ▶ Wait for the first coat to fully harden before applying the second coat.

PACKAGING

- ▶ Available in Grey, Oxide Red, White and Black. Containers of 350ml, 750ml κατ 2.5L and 10L.
- ▶ White N.590 tinted to create thousands of different colour tints with our COLORTOUCH Tinting System. To ensure product quality, always add COLORTOUCH COLORANTS to Pellachrom Tinting System to create the tint of your choice.

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