

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 /lt
FINISH	MATT
THINNING	5-15% WHITE SPIRIT/THINNER 135
DRYING TIMES	1-2 hours*
RECOATING TIMES	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	GREY 591	1.47 ±0.05gr/cm ³
	TERRACOTTA 592	1.54 ±0.05gr/cm ³
	WHITE 590	1.47 ±0.05gr/cm ³
SOLIDS w/w (ISO 3251-03)	74±2 % **	
SOLIDS w/v (ISO 3233-98)	51±3 % **	
VISCOSITY (ASTM D 562-05 @ 25°C)	KU 105±5 *	
APPLICATION VISCOSITY (ASTM D 562-05 @ 25°C)	KU 65±5 *	
HIDING POWER (ISO 3905)	87% 150µm wet film**	
HARDNESS (König) (ISO 1522-00)	65±10 sec, after 7 days	
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: DECEMBER 2019

D590 | **ANTIRUST**

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.

- ▶ **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.

USEFUL INFORMATION

- ▶ ANTIRUST N.592 (RED) provides stronger anti-rust protection compared with N.591(GREY) & N.590 (WHITE).

PACKAGING

- ▶ Available in Grey, Terracotta (Red), White. Containers of 750ml and 2.5L.
- ▶ 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 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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DECORATIVE & MARINE COATINGS