

SIMKYD PN.2519.KS I SIMKYD PN.2529.KS

1K alkyd glossy topcoat



PRODUCT DESCRIPTION

High-quality gloss alkyd paint suitable for a wide range of applications. It is ideal for painting industrial or agricultural machinery, cranes, elevators, or containers. When combined with **Simplex** pigments, it creates a durable and smooth coating with high aesthetic values. As a single-component product, it has a fast drying time and is easy to apply. It can be applied using various methods, but the best visual effects are achieved with traditional air-spray application. In addition to the traditional steel market, this paint can also be successfully applied to wooden surfaces previously primed with appropriate products. Its satin equivalent is **SIMKYD PN.2514.KS** and **PN.2524.KS**.

TECHNICAL DATA

Density at 20°C	1 +/- 0,02 kg/l		
Delivery viscosity	70-90 KU		
Solids content of A component	48-54 %	by weight	
	45-53 %	by volume	
V.O.C of the product	493,4 g/l		
V.O.C in the mixture (A+B)	598 g/l		
Available colours	RAL, NCS, PANTONE and all solid colors used in the automotive industry		
Available thinners	alkyd thinners		
Gloss 60°	>90%		
Theoretical yield	7-8 m² (50μm)		

Recipe of the product in accordance with VOC guidelines (Regulation of the Minister of Economy and Labor of January 16, 2007 on the reduction of VOCs, Regulation of the Minister of Environment of December 20, 2005 on emission standards from installations). The products supplied by our company undergo many factory tasks, thanks to which they can meet the highest requirements. However, you should remember about the individu conditions of stangag, preparation and application, which may affect the effect of the coating. The guarantee of maintaining the highest requility of the coating. The use of the product sets previous and application, which may affect the effect of the coating. The guarantee of remittaining the highest quality of the coating the use of the product only with products and in accordance with the Manitature's recommendations. The Producer does not use of the product hearing the highest quality of the coating. The products with products in the Producer is recommendations for a standards from installations). The products is previous and technique of using the Products - in accordance with the technical steet and performing a test spraying before the target painting. Multichem Sp. z o.o. I 62-030 Lubori, ul. Przemysłowa 2 I tel. +48 61 893 37 31 ; fax +48 61 893 37 32 l e-mail: info@multichem.pl www.multichem.pl www.sumultichem.pl www.sumultichem.pl



THE TYPE OF SUBSTRATE TO WHICH THE PRODUCT CAN BE APPLIED

Coatings with stable characteristics or primed with SIMPLEX/PROFIX primers suitable for overcoating with 1K products (e.g. SIMKYD PN.1521.NA alkyd primer, PN.1722.BE weldable polyvinyl primer or PN.1463.VB epoxy shop-primer)



SURFACE PREPARATION BEFORE PAINTING

Apply to clean, sanded, degreased surfaces (e.g. with CP 015 quick remover or CP 016 slow remover), or in the wet-on-wet method.

We do not apply directly on steel, galvanized steel, and aluminum.



PRODUCT PREPARATION

The mixing ratios with thinners: As a 1K product, it only requires thinning from 5 to 25% with an alkyd thinner, depending on the needs and the selected type of application.



APPLICATION

The substrate temperature should be at least 3°C higher than the dew point. Application in rooms with adequate ventilation is recommended.

	CONVENTIONAL SPRAYING traditional spraying gun / airspray / diaphragm pump				
	nozzle	air pressure	air assisted pressure	application viscosity DIN 4 mm at 20°C	
	1,4-1,8	1,8-2,8 BAR	not applicable	19-25 sec.	
	AIRMIX				
\overline{T}	nozzle	air pressure	air assisted pressure	application viscosity DIN 4 mm at 20°C	
	0,009- 0,011	1,7- 3 BAR	1,5-2,8 BAR	20-30 sec.	
	AIRLESS				
「「「」	nozzle	air pressure	air assisted pressure	application viscosity DIN 4 mm at 20°C	
	0,009- 0,011	1,7- 3 BAR	not applicable	35-55 sec.	



Application

1,5-2 layers

30-60 µm each



FLASH OFF

10-20 min according from the thickness layers (WFT)



ROLLER APPLICATION

> 0-10% thinners

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DRYING TIME

Dust dry	30 min at 20°C	
Ready to handle	8 h at 20°C	
Touch dry	2 h at 20°C	
Through dry	30 day at 20°C	
Possibility of repainting	up to 60 min or after 72 h	

The products should be stored in tightly closed packaging in a ventilated and cool room. Recommended storage temperature: 5-30°C. Protect from sunlight. Shelf life: 24 months from date of production.

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