

# simplex

## SIMKYD PN.2519.KS | SIMKYD PN.2529.KS

### 1K alkyd glossy topcoat



**Agricultural,  
Construction  
& Earthmoving  
(ACE)**



**Buses  
& Truck  
Cabins**



**Commercial  
Vehicles  
& Cranes**



**Fork-lift  
& Handling  
Equipment**



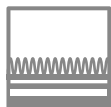
**Machinery  
& Technical  
Equipment**

### 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

<b>Density at 20°C</b>	1 +/- 0,02 kg/l	
<b>Delivery viscosity</b>	70-90 KU	
<b>Solids content of A component</b>	48-54 %	by weight
	45-53 %	by volume
<b>V.O.C of the product</b>	493,4 g/l	
<b>V.O.C in the mixture (A+B)</b>	598 g/l	
<b>Available colours</b>	RAL, NCS, PANTONE and all solid colors used in the automotive industry	
<b>Available thinners</b>	alkyd thinners	
<b>Gloss 60°</b>	>90%	
<b>Theoretical yield</b>	7-8 m <sup>2</sup> (50µm)	



## 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



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



## DRYING TIME

<b>Dust dry</b>	30 min at 20°C
<b>Ready to handle</b>	8 h at 20°C
<b>Touch dry</b>	2 h at 20°C
<b>Through dry</b>	30 day at 20°C
<b>Possibility of repainting</b>	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.