FOR PROFESSIONAL USE ONLY TDS V1: 04.07.2022



SIMKYD PN.1521.NA

1K anticorrosive universal primer



PRODUCT DESCRIPTION

Efficient, versatile, anticorrosive 1K primer with zinc phosphate is an excellent choice for painting industrial or agricultural machinery, cranes, elevators, containers, or steel constructions. When repainted with SIMPLEX topcoats from the SIMKYD family, it creates a durable coating with high aesthetic qualities and anticorrosion protection at the C3-M (C4-L) level. As a 1K product, it is characterized by a very fast drying time and easy application. It can be applied using various methods such as airspray, airless, airmix, roller or brush. In addition to the traditional steel market, this primer can also be successfully applied to wooden surfaces.

TECHNICAL DATA

Density at 20°C	1,6 +/-0,02 kg/l		
Delivery viscosity	100-120 KU		
Solids content of A component	76,6 %	by weight	
	60,1%	by volume	
V.O.C of the product	363 g/l		
V.O.C in the mixture (A+B)	483 g/l		
Available colours	•		
Available thinners	Thinners for alkyds		
Gloss 60°	< 5% (deep matt)		
Theoretical yield	11-12m2 (50µm)		





THE TYPE OF SUBSTRATE TO WHICH THE PRODUCT CAN BE APPLIED

Steel or wooden surfaces

SURFACE PREPARATION BEFORE PAINTING

In any case, the surface should be free of any dirt, oxides or grease prior to painting. Fast CP 015 or slow CP 016 degreaser can be used to degrease the surface.

Steel, black steel

For best results, it is recommended that the surface should be pre-treated to at least Sa2.5 or manually matted with abrasives to St3 grade.

Wood

The wooden surface should be thoroughly cleaned (brushed) of dust and loose dirt before applying the primer.



PRODUCT PREPARATION

The mixing ratios with thinners: As a 1K product, it only requires thinning from 5 to 30% 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	
>嘸	1,5-2,0	2-3 BAR	not applicable	20-25 sec.	
9	AIRMIX				
	nozzle	air pressure	air assisted pressure	application viscosity DIN 4 mm at 20°C	
一团	0,011-0,014	2-3 BAR	1,5-2,8 BAR	25-35 sec.	
<u> </u>	AIRLESS				
	nozzle	air pressure	air assisted pressure	application viscosity DIN 4 mm at 20°C	
流	0,011-0,015	2-4 BAR	not applicable	40-60 sec.	



1,5-2 layers of

40-60 µm each





5-10 min depending on the layers (WFT)



ROLLER APPLICATION

> 0-10% thinners

Recipe of the product in accordance with VOC guidelines (Regulation of the Minister of Economy and Labor of Lanacy 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 undargo many factory tests, thanks to which they can meet the finister environments. However, you should remember about the individual conditions of storage, preparation and application, which may affect the effect of the coating. The guarantee of maintaining the highest quality of the coating is the use of the product only with products from the Produces and in accordance with the Manufacture's recommendations. The Produce does not guarantee the preservation of the parameters and compatibility of the Products with products not from the Produces. The coordino for recognizing the warranty and any claims is the correct application of the tabanage of using the Produce - a coordance with the technical sheet and performing a test spraying before the target painting. Multichem 50, z. co., 162-030 Lutoh, U.P.Pzerwykowa 2 Liet - 446 61 893 373 1, fact - 446 61 Regular 22 2 Le - anali: Info@Multichem.pl www.multichem.pl Wow.Multichem 30, z. co., 162-030 Lutoh, U.P.Pzerwykowa 2 Liet - 446 61 Regular 22 2 Le - anali: Info@Multichem.pl Wow.Multichem 30, z. co., 162-030 Lutoh, U.P.Pzerwykowa 2 Liet - 446 61 Regular 22 2 Le - anali: Info@Multichem.pl Wow.Multichem 30, z. co., 162-030 Lutoh, U.P.Pzerwykowa 2 Liet - 446 61 Regular 22 Le - anali: Info@Multichem.pl Wow.Multichem 30, z.





DRYING TIME

Dust dry	~ 15 min at 20°C	
Ready to handle	2 h <mark>at 20°C</mark>	
Touch dry	30-45 min at 20°C	
Through dry	30 days	

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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