Technical Information 5.5.1

309 TPC-AKD 1K Alkyd Topcoat

Resin base: 1-component alkyd resin



Products needed:

Pastes GJ50-Converter GK41-1102

Converter/Pastes 65:35

Thinner SV12-0360 Nitro

SV13-0732 Fast SV13-0701 Normal

Application and properties:

1K Alkyd Topcoat

- good weathering, yellowing resistance and hardness
- good build and flow
- brilliant top coat appearance
- optimum product properties after 12 days of drying
- can be applied directly to steel
- min. ambient temp. +15°C for application

Substrates/Pre-treatment:

Well-cured old paintwork

Bare steel

Undercoats

Cleaning	Sanding	Final cleaning	
SV20-0505	P240-360	SV20-0505	

SV22-0500 P80-150 SV22-0500

309 TPC-AKD can be used for all Salcomix primers.

Product details:

Due to different qualities and compounds of steel direct adhesion should always be checked case by case.

Glossy 1K Alkyd Topcoat for painting of out- and indoor goods with direct adhesion on steel.

Remove corrosion (e.g., rust) by fine sanding or blasting before applying the product.

If adjusted with Nitro Thinner SV12-0360 a lower gloss level may occur. Addition of 5-10% Hardener (SC27-0500 / SC29-0863) optimize weathering and drying (Potlife ~4h)

Special Remark:

It cannot be ruled out that this product contains particles

< 0.1 µm

The products are suitable for professional use only.

BASF Coatings GmbH Glasuritstraße 1 | 48165 Münster Feb 2015

Germany

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Resin base: 1-component alkyd resin



Application: 1C solid Topcoat

Remarks: Values reg. VOC, coverage, solid content and viscosity are based on a mixing ratio by Vol.

Select thinner acc. ambient temperature and size of object to be painted.

	Paint system	309 TPC-AKD 1K Topcoat						
	VOC	Theor. Coverag	e at 1 µm (RAL30	Solid Content				
	565-605 g/l	375/336 m²/kg 374/367 m²/L		38-48 % Gew.				
	Check Color prior	application	Weigh in accord	rmula (colour):				
	Mixing ratio	309 TPC-AKD	100 % by weight		3 Vol.			
	Hardener	-						
	Thinner	SV12-0360 SV13-0732 SV13-0701	30 % by weight		1 Vol.			
S	Viscosity at 2	23°C DIN 4	Film Thickness (DFT)		Potlife 20°C	Gloss at 60°		
	3:1 Vol. 18-22 sec. 4:1 Vol. 22-26 sec.		40-60 μm (2-3 coats) flash off 5- 10 min. between		-	> 80		
	Application		Viscosity (sec)	Mixing ratio	Spraying Pressure (bar)	Nozzle (mm)		
***	Compliant Gun		18-22	3:1	< 2,5	1.3-1.6		
**	HVLP		18-22	3:1	~ 2	1.3-1.7		
***	Suction Cup		18-22	3:1	2-3	1.3-1.7		
	Airless / Airmix		22-26	4:1	120-150	0.23-0.28		
00	Double Diaphragm or Pressure Pump		18-22	3:1	< 4	1.0		
	Brush & Roll				,			
	Drying at Object Temp.	dust-dry	Touch Dry	Ready for Assembling	trough dry	Recoatable		
	20°C	~30 min	18 h	36-48 h	12-15 Days	> 7 days		
	60°C	-	30-45 min	60-90 min	-	-		

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