

Technical information (04/2021)

GRAVIHEL ALKYD PRIMER 20 RAL

- One-component priming coat based on an alkyd binder, used as anti-corrosion protection of steel surfaces.
- It is distinguished by extremely quick drying (approx. 20 minutes), it is also suitable for application by immersion.
- Brush application is only suitable for smaller surfaces, as more coats are required to achieve the recommended thickness of dry film compared to spraying application.
- With a film thickness of up to 25µm, it enables subsequent welding without any effect on the quality of the weld.
- Combined with an adequate top coating, it is suitable for exposure in a countryside, city or mild industrial atmosphere.
- VOC compliant

SUBSTRATE PREPARATION	
	 P220 – P280
	 GRAVIHEL Antisilicone cleaner

Typ of product: Alkyd
Appearance MATT

Delivery viscosity: Thixotropic
DIN 53211 φ4 / 20°C

Density of component A: 1,283 – 1,415 kg/l

Solid content: By volume: 34%
By weight: 70%

VOC: 2004/42/II B(c)(540)530

EU limit value VOC for this type of product (category II B (c)) in the form, which is ready for application is 540 g/l. VOC of this product, prepared for use is 530 g/l









IT IS ALSO USED TO RENOVATE INDUSTRIAL AND COMMERCIAL VEHICLES

Theoretical yield: 7 - 8 m²/lit.

Temperature resistance (dry temperature) Short-term: up to 140 °C
Long-term: up to 120 °C

Processing temperature: +5°C till max. +40°C, max.Humidity 85%

Color shades: Shade according to the RAL card

	Viscosity (RFU): DIN 53211 Φ4 / 20°C	56 - 59 sec. GRAVIHEL 1K THINNER (15%)																		
	Application with spray gun:	1,5 – 1,7 mm 2 – 3 bar																		
	Number of layers: Film thickness:	2 40 - 50 μm																		
	Flash-off:	5 - 10 min. /20°C between coats																		
	Drying time:	<table border="0"> <thead> <tr> <th></th> <th>at 20°C</th> <th>at 60°C</th> </tr> </thead> <tbody> <tr> <td>Powder dry:</td> <td>7 min.</td> <td>-</td> </tr> <tr> <td>Dry to touch:</td> <td>40 min.</td> <td>-</td> </tr> <tr> <td>Dry to assembly:</td> <td>2 h</td> <td>30 min.</td> </tr> <tr> <td>Dry for sanding:</td> <td>2 h</td> <td>30 min.</td> </tr> <tr> <td>Top coat:</td> <td>2 h</td> <td>30 min.</td> </tr> </tbody> </table>		at 20°C	at 60°C	Powder dry:	7 min.	-	Dry to touch:	40 min.	-	Dry to assembly:	2 h	30 min.	Dry for sanding:	2 h	30 min.	Top coat:	2 h	30 min.
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Top coat:	2 h	30 min.																		
	Application with Airmix:	10% GRAVIHEL 1K THINNER Nozzle: 0,33 mm Pressure: 100 bar Flash-off between coats: 0 - 5 min. /20°C																		
	Brush application:	up to 5% GRAVIHEL 1K THINNER																		
	Shelf life:	2 years																		

FOR PROFESSIONAL USE ONLY - See Safety Data Sheet

The data may vary under various conditions.,

Any part of this information may change at any time without notice.

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