







Technical information (04/2021)

GRAVIHEL PUR TOPCOAT 401

- Two-component acrylic-isocyanate top coat, 2: 1 by volume
- High gloss
- A high-quality top coating with high weather, mechanical, chemical and UV protection, suitable for the most demanding exposure conditions where smooth, high gloss surface is required..
- Used as a top coat in commercial vehicles.
- USE ONLY IN INDUSTRIAL FACILITIES!

	GRAVIHEL EPOXY PRIMER	GRAVIHEL PUR PRIMER	
SUBSTRATE PREPARATION	 P360 – P600	 P360 – P600	GRAVIHEL PUR WOOD PRIMER
	 GRAVIHEL Antisilicone cleaner	 GRAVIHEL Antisilicone cleaner	 P360 – P600
			Dust free

Typ of product: Acryl – isocyanate (polyurethane)
Appearance: 401 - 005 HIGH GLOSS

Delivery viscosity: 140 – 150 s
 DIN 53211 Φ4 / 20°C

Density of component A: 1,0 – 1,084 kg/l

Solid content: By volume: 50%
 By weight: 70%














VOC: VOC ready to use (g/l)= 560 g/l

Theoretical yield: 9 - 10 m²/lit.

Temperature resistance (dry temperature) Short-term: up to 140 °C
 Long-term: up to 80 °C

Processing temperature: +10°C till max. +40°C, max.Humidity 75%

Color shades: GRAVIHEL COLOR TOOLS

	Mixing ratio by Volume:	<div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <p>2:1 + 0 - 5% GRAVIHEL 2K PUR HARDENER SLOW GRAVIHEL 2K PUR THINNER SLOW</p> </div> </div> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <p>2:1 + 0 - 5% GRAVIHEL 2K PUR EXTRA HARDENER GRAVIHEL 2K PUR THINNER</p> </div> </div> <div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <p>2:1 + 0 - 5% GRAVIHEL 2K PUR HARDENER FAST GRAVIHEL 2K PUR THINNER FAST</p> </div> </div> </div>															
	Pot life of the mixture at 20°:	2 h															
	Viscosity (RFU): DIN 53211 ϕ 4 / 20°C	18 – 20 sec.															
	Application with spray gun:	1,3 mm 2 – 3 bar															
	Number of layers: Film thickness:	2 - 3 50 - 60 μ m															
	Flash-off:	10 min. /20°C between coats															
	Drying time	<table border="0" style="width: 100%;"> <tr> <td>Object temperature</td> <td>at 20°C</td> <td>at 60°C</td> </tr> <tr> <td>Powder dry:</td> <td>30 min.</td> <td>-</td> </tr> <tr> <td>Dry to touch:</td> <td>2,5 h</td> <td>-</td> </tr> <tr> <td>Dry to assembly:</td> <td>8 – 10 h</td> <td>30 min + 20 min./20°C</td> </tr> <tr> <td>Through dry:</td> <td>10 - 12 h</td> <td>30 min + 30 min./20°C</td> </tr> </table>	Object temperature	at 20°C	at 60°C	Powder dry:	30 min.	-	Dry to touch:	2,5 h	-	Dry to assembly:	8 – 10 h	30 min + 20 min./20°C	Through dry:	10 - 12 h	30 min + 30 min./20°C
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Through dry:	10 - 12 h	30 min + 30 min./20°C															
	Drying time (infra-red short-wave):	8 - 12 min. Distance to the object: 70 - 80 cm															
	Application with Airmix:	0 - 5% GRAVIHEL 2K PUR THINNER Nozzle: 0,18 – 0,23 mm Pressure: 100 bar Flash-off between coats: 10 min. /20°C															
	Shelf life:	4 years															

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FOR PROFESSIONAL USE ONLY - See Safety Data Sheet

2K materials react with humidity; take care that all containers and tools are absolutely dry. While coating, the ambient relative humidity should not exceed 80%.

The data may vary under various conditions.,

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

The information was derived from years of experience in the collaboration of Development and Technical Services and is the property of HELIOS Refinish.

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