





Technical information (04/2021)

## GRAVIHEL PUR HS TOPCOAT 452

- Two-component acrylic-isocyanate top coat; 2:1 by volume.
- A high-quality top coat with high weather, mechanical, chemical and UV protection, also suitable for painting cars.
- VOC compliant

	GRAVIHEL EPOXY PRIMER	GRAVIHEL PUR PRIMER
SUBSTRATE PREPARATION	 P360 – P600	 P360 – P600
	 GRAVIHEL Antisilicone cleaner	 GRAVIHEL Antisilicone cleaner

**Typ of product:** Acryl – isocyanate  
**Appearance** 452 – 005 HIGH GLOSS

**Delivery viscosity:** 120 - 130 s  
 DIN 53211  $\Phi$ 4 / 20°C

**Density of component A:** 0,995 – 0,997 kg/l

**Solid content:**  
 By volume: 60%  
 By weight: 63%

**VOC:** 2004/42/II B(d)(420)419

EU limit value VOC for this type of product (category II B (d)) in the form, which is ready for application is 420 g/l. VOC of this product, prepared for use is 419 g/l











IT IS ALSO USED TO RENOVATE INDUSTRIAL AND COMMERCIAL VEHICLES

**Theoretical yield:** 10 - 11 m<sup>2</sup> /lit.

**Temperature stability:**  
 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

	<b>Mixing ratio by Volume:</b>	2:1 + 0 – 5 % GRAVIHEL 2K PUR HS HARDENER MF GRAVIHEL 2K PUR THINNER MF
	<b>Pot life of the mixture at 20°:</b>	1,5 h
	<b>Viscosity (RFU):</b> DIN 53211 $\phi$ 4 / 20°C	22 - 27 sec.
	<b>Application with spray gun:</b>	1,3 mm 2 – 3 bar
	<b>Number of layers:</b> <b>Film thickness:</b>	1 - 2 40 - 60 $\mu$ m
	<b>Flash-off:</b>	10 min. /20°C between coats
	<b>Drying time:</b>	<b>Object temperature</b> at 20°C at 60°C  Powder dry: 40 min. - Dry to touch: 2 h - Dry to assembly: 5 h 30 min + 20 min./20°C Through dry: 8 - 10 h 30 min + 1 h/20°C
	<b>Drying time (infra-red short-wave):</b>	10 - 15 min. Distance to the object: 70 – 80 cm
	<b>Application with Airmix:</b>	0 - 5% GRAVIHEL 2K PUR THINNER MF Nozzle: 0,18 – 0,23 mm Pressure: 80 - 150 bar Flash-off between coats: 10 min. /20°C
	<b>Shelf life:</b>	4 years

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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