




















Technical information (04/2021)

## GRAVIHEL ARMOR SKIN BLACK

- Two-component single layer structur coating with extreme weather, chemical, UV and mechanical resistance.
- Used in the protection of construction, agricultural machinery, rail vehicles, different steel constuctions, PV and LCV (vans, trucks, campers) and for industrial varnishing, which requires high level of mechanical, chemical and weather resistance.
- For special effects you can add to any shade 10-20 % of GRAVIHEL Silver Pastes (21, 22 or 23 ), in order effect would be more visable we recommend to use GRAVIHEL 22 coarse silver or GRAVIHEL 23 extra coarse silver.
- VOC compliant

SUBSTRATE	SUBSTRATE PREPARATION		
	 P220 – P280	 GRAVIHEL Antisilicone cleaner	
	 GRAVIHEL Antisilicone cleaner	 P220 – P280	 GRAVIHEL Antisilicone cleaner
	 GRAVIHEL Antisilicone cleaner	 P220 – P280	 GRAVIHEL Antisilicone cleaner
	<b>GRAVIHEL PUR WOOD PRIMER</b>	 P360 – P600	Dust free
	 GRAVIHEL Antisilicone cleaner		
	 GRAVIHEL IND Plastic cleaner	 P500 – P800	 GRAVIHEL IND Plastic cleaner

**Typ of product:** Acryl – isocyanate (polyurethane)  
**Appearance:** SEMI GLOSS  
**Delivery viscosity:** Thixotropic  
 DIN 53211 Φ4 / 20°C

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**Density of component A:** 1,4 – 1,5 kg/l

**Solid content:** By volume: 60%  
By weight: 73%

**VOC:** 2004/42/IIIB(d)(420)380  
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 380 g/l  
IT IS ALSO USED TO RENOVATE INDUSTRIAL AND COMMERCIAL VEHICLES









**Theoretical yield:** 5 – 7,5 m<sup>2</sup>/lit.

**Temperature resistance** Short-term: up to 140 °C

**(dry temperature)** Long-term: up to 80 °C

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

**Color shades:** BLACK

	<b>Mixing ratio by Weight:</b>	6:1 GRAVIHEL 2K PUR SINGLE COAT HARDENER Thinner is not needed!	
	<b>Pot life of the mixture at 20°:</b>	4 h	
	<b>Viscosity (RFU):</b> DIN 53211 φ4 / 20°C	Thixotropic	
	<b>Application with UBS spray gun:</b>	3,5 – 4 bar	
	<b>Number of layers:</b> <b>Film thickness:</b>	1 200 µm	
	<b>Drying time:</b>	<b>Object temperature</b>	<b>at 20°C</b> <b>at 60°C</b>
		<b>Powder dry:</b>	30 min.    -
		<b>Dry to touch:</b>	5 h    -
		<b>Dry to assembly:</b>	8 - 10 h    30 min.+ 1h/20°C
		<b>Through dry:</b>	24 h    30 min.+ 3h/20°C
	<b>Drying time (infra-red short-wave):</b>	8 - 12 min. Distance to the object: 70 - 80 cm	
	<b>Shelf life:</b>	2 years	

FOR PROFESSIONAL USE ONLY - See Safety Data Sheet

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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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