



Technical information (04/2021)

## GRAVIHEL PUR TOPCOAT 600

- High-quality two-component top coating for the protection of flat, veneered and massive furniture.
- It is possible to spray clear binder without pastes directly on flat, veneered and massive furniture (3 layers). In this case, you don't need Primer
- VOC compliant

<b>SUBSTRATE PREPARATION</b>	<b>GRAVIHEL PUR WOOD PRIMER</b>
	 P360 – P600
	 GRAVIHEL Antisilicone cleaner

**Typ of product:** Acryl – isocyanate (polyurethane)  
**Appearance** 600 – 001 DEEP MATT  
 600 – 002 SEMI MATT /SATIN  
 600 – 003 SEMI GLOSS

**Delivery viscosity:** 70 - 80s  
 DIN 53211  $\Phi$ 4 / 20°C

**Density of component A:** 0,95 – 0,97 kg/l

**Solid content:** By volume: 27%  
 By weight: 30 - 34%










**VOC:** 2004/42/IIIB(e)(840)750  
 EU limit value VOC for this type of product (category II B (e)) in the form, which is ready for application is 840 g/l. VOC of this product, prepared for use is 750 g/l  
 IT IS ALSO USED TO RENOVATE INDUSTRIAL AND COMMERCIAL VEHICLES

**Theoretical yield:** 5 - 6 m<sup>2</sup> /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

	<b>Mixing ratio by Volume:</b>	10:1 + 30% GRAVIHEL 2K PUR EXTRA HARDENER GRAVIHEL 2K PUR WOOD THINNER																																										
	<b>Pot life of the mixture at 20°:</b>	6 h																																										
	<b>Viscosity (RFU):</b> DIN 53211 $\Phi$ 4 / 20°C	21 - 25 sec. (depending on the gloss)																																										
	<b>Application with spray gun:</b>	1,8 mm 2 – 3 bar																																										
	<b>Number of layers:</b> <b>Film thickness:</b>	1 – 2 100 $\mu$ m																																										
	<b>Flash-off:</b>	7 - 8 min. /20°C between coats																																										
	<b>Drying time:</b>	<table border="1"> <thead> <tr> <th>Object temperature</th> <th>at 20°C</th> <th>at 60°C</th> <th>at 20°C</th> <th>at 60°C</th> <th>at 20°C</th> <th>at 60°C</th> </tr> </thead> <tbody> <tr> <td></td> <td colspan="2"><b>600 – 001</b></td> <td colspan="2"><b>600 - 002</b></td> <td colspan="2"><b>600 - 003</b></td> </tr> <tr> <td><b>Powder dry:</b></td> <td>15 min.</td> <td>-</td> <td>15min.</td> <td>-</td> <td>15 min.</td> <td>-</td> </tr> <tr> <td><b>Dry to touch:</b></td> <td>20 min.</td> <td>-</td> <td>25 min.</td> <td>-</td> <td>35 min.</td> <td>-</td> </tr> <tr> <td><b>Dry to assembly:</b></td> <td>2 h</td> <td>30 min.</td> <td>2,5 h</td> <td>30 min.</td> <td>3 h</td> <td>30 min.</td> </tr> <tr> <td><b>Through dry:</b></td> <td>4 h</td> <td>30 min.</td> <td>4 h</td> <td>30 min.</td> <td>4 h</td> <td>30 min.</td> </tr> </tbody> </table>	Object temperature	at 20°C	at 60°C	at 20°C	at 60°C	at 20°C	at 60°C		<b>600 – 001</b>		<b>600 - 002</b>		<b>600 - 003</b>		<b>Powder dry:</b>	15 min.	-	15min.	-	15 min.	-	<b>Dry to touch:</b>	20 min.	-	25 min.	-	35 min.	-	<b>Dry to assembly:</b>	2 h	30 min.	2,5 h	30 min.	3 h	30 min.	<b>Through dry:</b>	4 h	30 min.	4 h	30 min.	4 h	30 min.
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	<b>Application with Airmix:</b>	0 - 10% GRAVIHEL 2K PUR WOOD THINNER Nozzle: 0,18 – 0,23 mm Pressure: 80 - 150 bar Flash-off between coats: 8 -10 min. /20°C																																										
	<b>Shelf life:</b>	2 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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