





Technical information (04/2021)









GRAVIHEL NITRO TOPCOAT 101

- One-component top coat based on nitrocellulose binder.
- Extremely fast-drying.
- Used as top coat in the system for the protection of steel and wood surfaces.
- USE ONLY IN INDUSTRIAL FACILITIES!

SUBSTRATE PREPARATION	GRAVIHEL QDry PRIMER FILLER 11 GREY	
	 P360 – P600	GRAVIHEL PUR WOOD PRIMER
	 GRAVIHEL Antisilicone cleaner	 P360 – P600
		Dust free

Typ of product: Nitrocellulose
Appearance: 101 – 004 GLOSS

Delivery viscosity: Thixotropic
Density of component A: 1,001 – 1,094 kg/l
Solid Content: By volume: 24%
 By weight: 55%
VOC: VOC ready to use (g/l)= max.710
Theoretical yield: 5 - 6 m²/lit.
Temperature stability (dry temperature): Short-term: up to 140°C
 Long-term: up to 80°C
Processing temperature: +5°C till max. +40°C, max.Humidity 85%
Color shades: GRAVIHEL COLOR TOOLS

	Viscosity (RFU): DIN 53211 Φ4 / 20°C	15 sec. GRAVIHEL NITRO THINNER (50 %)															
	Application with spray gun:	1,3 mm 2 – 3 bar															
	Number of layers: Film thickness:	1,5 40 μm															
	Flash-off:	2 min. /20°C between coats															
	Drying time at 20°C:	<table border="0"> <thead> <tr> <th></th> <th>Object temperature at 20°C</th> <th>at 60°C</th> </tr> </thead> <tbody> <tr> <td>Powder dry:</td> <td>3 min.</td> <td>-</td> </tr> <tr> <td>Dry to touch:</td> <td>10 min.</td> <td>-</td> </tr> <tr> <td>Dry to assembly:</td> <td>60 min.</td> <td>20 min + 15 min./20°C</td> </tr> <tr> <td>Through dry:</td> <td>80 min.</td> <td>20 min + 15 min./20°C</td> </tr> </tbody> </table>		Object temperature at 20°C	at 60°C	Powder dry:	3 min.	-	Dry to touch:	10 min.	-	Dry to assembly:	60 min.	20 min + 15 min./20°C	Through dry:	80 min.	20 min + 15 min./20°C
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	Application with Airmix:	15 - 20% GRAVIHEL NITRO THINNER Nozzle: 0,23 – 0,33 mm Pressure: 60 - 150bar Flash-off between coats: 5 min. /20°C															
		GRAVIHEL NITRO TOPCOAT 101 + GRAVIHEL 1K MATTING AGENT Gloss – look TDS for GRAVIHEL 1K MATTING AGENT															
	Shelf life:	4 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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