



## TECHNICAL DATA SHEET

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<b>PRODUCT</b>	<b>EXCLUSIVE GP PU (1+1) GLOSSY VARNISH</b>			
<b>MIXING RATIO and GLOSS VALUE</b>	<b>MIXING RATIO (by weight) *</b>	<b>1st COMPONENT</b>	<b>2nd. COMPONENT</b>	<b>Gloss, °60</b>
	1+1	265-0002	209-0351	95 - 99
<b>DESCRIPTION</b>	Glossy topcoat varnish system is a solvent based two pack polyurethane based on reaction curing finishing system which is designed for high DOI and high boyd.			
<b>APPLICATION AREAS</b>	It is a high gloss varnish system developed for use in all types of MDF, massive and veneer wooden surfaces with its furniture and decoration works for internal use.			
<b>PROPERTIES</b>	It gives high body and good levelling surface with good gloss retention and DOI. The product gives good resistance to yellowing. Due to the polyurethane structure, surfaces is though enough and resistant to chemical (water, deterjant, juice etc.) and physical effects. High resistant to pinhole.			
<b>PHSICAL PROPERTIES</b>	Viscosity (D4/20°C)	30" - 35"		
	Density (g/cm <sup>3</sup> ; 20°C)	1±0,02		
<b>DRYING TIME</b>	Pot-Life (hour /20°C, %50 humidity)	.....	2 - 3 hours	
	Dust Dry (20°C, %50 humidity)	.....	15 - 20 minutes	
	Touch Dry (20°C, %50 humidity)	.....	7 - 8 hours	
	Set Dry (20°C, %50 humidity)	.....	24 hours	
<b>DILUTION RATIO</b>	Varnish which prepared according to mixing ratios given above are diluted by Kubilay PU Thinner (921-0222) by 30% as weight.			
	261-0001	1.Component	.....	1 Part
	209-0351	2.Component	.....	1 Part
	921-0222	PU Thinner	.....	Part
	*: The expected performance of the product depends on the accuracy of the mixing and dilution process. Since the presentation of the products is made by packing according to the mixing ratio by weight, it is especially recommended to be made by weight by weighing in order to be sensitive to the preparation of the mixture for the application.			
	<b>Slow Catalist (808-0005) should be used in hot weather (&gt;35°C) to prevent possible pinhole problem.</b>			
<b>APPLICATION METHOD :</b>				
<b>Preperation:</b> Before mixing, first component should be stirred well, then first and second component are mixed according to mixing ratio as much as desired amount, mixture is stridded to obtain a homogenous mixture once again. Finally, for adjusting application viscosity, required amount (according to information which is given in mixing ratio) thinner is added by mixing. Make sure a homogenous mixture is obtained before application.				
It is applied directly by spraying on the surfaces previously primed by Kubilay Sealers ( PU, PE or UV type depending on requirements) .The product should be prepared according to mixing ratios given above and is sprayed in one or two cross-wise layers (aerografic systems (2,5 mm spray gun, 2,5–3 atm air pressure), airmix, as well). It should be waited for an average of 30 to 40 minutes between coating layers, depending on the ambient temperature. If this time exceeded 24 hours should be waited and only then can the new layer is applied by sanding.				
If it's planned to make paste polish, it is recommended to apply it 2 layers that in a layer with a maximum of 140-150 gr / m <sup>2</sup> . Thick application should be avoided on vertical surfaces should be made as maximum 75 g / m <sup>2</sup> .				
In order to obtain perfect surface quality (good levelling, pinhole free, etc.), it should be kept in areas with good ventilation and aspiration during drying but positioned so that air circulation and turbulence do not come directly to the varnish surface.				
Polishing is can be done at the earliest 24 hours depending on the weather and the ambient conditions (25°C, %50 Relative Humidity). Stacking can be made at the earliest 10 hours after Polishing. It should be taken into account that the duration will be longer when lower temperatures.				
<b>STORAGE:</b>				
1st Components will remain stable for at least 12 months and 2nd Component is 6 months when stored in their original packs in a dry place at storage temperatures between 5-35 °C.				
It's recommended to read SDS before applications.				

*Important Note: This information is based on our present state of knowledge and is intended to provide general notes on Kubilay Products and their uses. However without guarantee as conditions and methods of end users are beyond our control. We recommend that end users determine the suitability of the materials before adapting them on a commercial scale.*