

		TECHNICAL DATA SHEET			Dök.No: ÜRT-TDS-115 Yay.Tar.: 27.04.2017 Rev. No : REV/İZYON-02 Rev.Tar. : 04.10.2019 Sayfa : 1/1
PRODUCT		EXCELLENCE CERAMIC GLOSSY VARNISH			
MIXING RATIO and GLOSS VALUE		MIXING RATIO (by weight*)	1st COMPONENT (Componet A)	2nd COMPONENT (Component B)	Gloss, °60
		1 + 1,5	808-0999	809-0100	90
DESCRIPTION		It is a solvent based two component high solids gloss finish clear topcoat system with excellent scratch resistance, which can be stacked in 24 hours thanks to state-of-the-art hybrid polymer			
APPLICATION AREAS		It is a glossy topcoat varnish system developed for use in furniture and decoration works applied to all kinds of MDF, solid and veneered wood surfaces as well as the latest trendy digital printing surfaces for internal use.			
PROPERTIES		Extra excellent scratch and impact resistance High solid content, low volatile organic matter (VOC), high yield Early polishability and stackability Excellent water and chemical resistance (except costic, According to DIN 68861 1A) High yellowing resistance**			
**: In order to avoid any color changes in the entire process, previous layers should be non-yellowing, as well.					
PHSICAL PROPERTIES			808-0999	809-0100	Mixture (1/1,5)
		Density (g/cm3; 20°C) Pot-life (hr, 20°C)	0,916 ± 0,02	1,08 ± 0,02	1,03 ± 0,02 Max 12
DRYING TIME		Dust Dry (20°C, %50 humidity)	.....	30 - 60 minutes	(Depends on Booster amount)
		Touch Dry (20°C, %50 humidity)	.....	max 2 hrs	(Depends on Booster amount)
		Set Dry (20°C, %50 humidity)	.....	max 2 hrs	(Depends on Booster amount)
		Sanding-Polish	.....	6 - 24 hrs	(Depends on Booster amount)
		Stack	.....	24 - 48 hrs	
Note: Booster is recommended to accelerate drying during the winter season, contact the Technical Service for the appropriate amount of Booster.					
Requirement for APPLICATION	Temp. and Humidity:	Do not apply below 15 ° C. The ideal operating temperature is 20 ° C and the humidity is 50%.			
	Environment:	It should be applied in paint shops free of dust and dirt, good ventilation and aspiration but without intensive air circulation and turbulence.			
	Protective Clothing:	Personal protective measures must be taken and glasses, face mask (ABEK, Organ-Inorg.-Acid-Amon. Gas / Vapor Filter), gloves (nitrile gloves), work clothes must be used.			
	Substrate:	Completely dried (depending on the air temperature of the environment at a temperature of 20 ° C applied at least 24 hours before (this time will be extended as the temperature decreases)) and newly sanded clean and free of dust should be suitable surfaces prepared with suitable Kubilay Filler / Varnish and Primer / Topcoat Please contact our Technical Service for Kubilay products).			
	Application Time:	Easy sanding-polish time is limited, difficult after 24 hours. Application time should be taken into consideration, taking into account this information and at the latest 24 hours after taking into consideration that the sanding-polish will be done (the pasting time of Sanding-Polish can be withdrawn with Booster (consult our Technical Service for determination of proper booster amount)).			
DILUTION RATIO		808-0999	1st Component	.....	0,6 kg/ pack
		809-0100	2nd Component	.....	0,9 kg/ pack
*: The expected performance of the product depends on the accuracy of the mixing 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.					
APPLICATION METHOD :					
Preperation: 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 stired to obtain a homogenous mixture once again. Make sure a homogenous mixture is obtained before application. It is applied in the form of cross-thin two coats (wet film thickness (50-75 microns), weight (75-80 grams/m2)), preferably with 1.4mm spray gun, on newly sanded dust-free surfaces prepared in accordance with the above description.					
SANDING-POLISH;					
Sanding-Polish may not be required for completely dust-free surfaces. If surface is required to get polished to get rid off dust and dirt, Sanding-polish can be made between 6 and 24 hours by taking into consideration the amount of Booster used and the ambient temperature within 3-5 hours after application. In order to determine the proper polish time, sand it first with 1500 and then 2000 sanding from 6 hours after application, if it is difficult to sand with 1500 it should be tested first with 800 followed by 1500 and 2000. If sanding with 800 cannot be done, try again with 1500 in the following hours.					
STORAGE :					
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.