

		TECHNICAL DATA SHEET			Dök.No: ÜRT-TDS-155 Yay.Tar.: 24.04.2008 Rev. No : REV/ZYON-05 Rev.Tar. : 28.11.2018 Sayfa : 1/1
PRODUCT		VIP-ACRYL (2+1) GLOSSY TOPCOAT VARNISH			
MIXING RATIO and GLOSS VALUE **		MIXING RATIO (by weight) *	1st COMPONENT	2nd. COMPONENT	Gloss, °60
		2+1	325-9000	369-0025	95 -98
DESCRIPTION		VIP-ACRYL clear topcoat varnish is non-yellowing two pack acrylic polyurethane based on reaction curing finishing system which is designed for high gloss and quality apperance which has high scratch resistance.			
APPLICATION AREAS		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.			
PROPERTIES		The product gives non-yellowing high gloss film. Due to the polyurethane structure, surfaces is though enough and resistant to chemical (water, deterjant, juice etc.) and physical effects. VIP ACRYL Acrylic Varnish, thanks to its special resin structure, does not change the color of the surface it is applied and does not yellow ** (In this way, it can be used in the coating of light colored woods and also in the coating of the disassembled parts at different times without any color difference).			
<small>** : In order to avoid any color changes in the entire process, both sealer and primers should be non-yellowing, as well. The use of these non-color-changing products does not guarantee that the color of the applied surface will not change, but if the synthetic wood veneer does not change color and does not turn yellow, the whole system may be non-yellowing (it should be taking into account that some egzotic woods like Iroko, Teak changes their color by time) .</small>					
PHSICAL PROPERTIES		Viscosity (D4/20°C)		25" - 30"	
		Density (g/cm3; 20°C)		0,98±0,02	
DRYING TIME		Pot-Life (hour /20°C, %50 humidity)		..... max 2 hours	
		Dust Dry (20°C, %50 humidity)		..... 25 - 30 minutes	
		Touch Dry (20°C, %50 humidity)		..... 5 - 6 hours	
		Set Dry (20°C, %50 humidity)		..... 24 hours	
DILUTION RATIO		Varnish which prepared according to mixing ratios given above are diluted by Kubilay Acrylic thinner (931-0311) by 10% as weight.			
		325-9000	1.Component	.....	2 Part (12 kg /pack)
		369-0025	2.Component	.....	1 Part (6 kg /pack)
		931-0311	Acrylic Thinner	.....	0,3 Part (1,8 kg)
		*: 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. PU slow thinner should be used in hot weather to prevent possible pinhole problem.			
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 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 (If yellowing resistance is much more important then VIP ACRYL sanding sealer is preferred, if apperance (levelling, hold out, DOI image stc) is much more important then Vernipol UPE sanding sealer is preferred).The product should be prepared according to mixing ratios given above and is sprayed in one or two cross-wise layers. When applied in a single layer with a thickness of 30-35 microns dry film, 8-10 m2 area can be covered for 1 kg mixture (except for losses). Paste-polish is recommended after 24 hours in summer and at least 2 days in winter depending on the ambient conditions.					
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.