



TECHNICAL DATA SHEET

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PRODUCT	VIP ACRYL TOPCOAT ENAMEL				
PRODUCT CODE	311-XXXX				
COLOR	Any colors can be designed upon request other than standart catalogue.				
DESCRIPTION	It's a non-yellowing, solvent borne acrylic resin based 2 Pack Polyurethane enamel in different color and gloss values (such as, matte, silk matte and glossy).				
MIXING RATIO & GLOSS VALUE **	MIXING RATIO (by weight)*	MIXING RATIO (by volume)	1st COMPONENT	2nd COMPONENT	GLOSS (°60)
MATTE	5+1	4+1	311-XXXX	369-0025	20±5
SILK MATTE	5+1	4+1	311-XXXX	369-0025	45±5
GLOSSY	2+1	1,5+1	311-XXXX	369-0025	95±5
<i>** : It can be indicated as gloss value (such as 10 matte etc.) as well as definitions like full matte or super matte.</i>					
APPLICATION FIELDS	It is a pigmented topcoat system developed for use in all types of MDF, massive and veneer wooden surfaces with its furniture and decoration works for internal use.				
PROPERTIES	High solid content, low VOC High filling power and filling sanding lines Because of high solid content, they supply to save time and labor cost Good levelling and smooth surface High impact, scratch resistance and non-yellowing High chemical resistance to water and household chemicals				
TECHNICAL PROPERTIES				<u>Glossy</u>	<u>Matte</u>
	Viscosity (D4/20°C)	.....		90" - 100"	65" - 100"
	Density (g/cm ³ ; 20°C)	.....		1,13 - 1,2	0,98 - 1,3
	Pot life	.....		min. 5-6 hours	min. 5-6 hours
	Dust Dry (20°C, %50 humidity)	.....		25 - 30 min.	40 - 50 min.
	Touch Dry (20°C, %50 humidity)	.....		5 - 6 hours	3 - 4 hours
	Set Dry (20°C, %50 humidity)	.....		24 hours	24 hours
DILUTION RATIO	Topcoats which prepared according to mixing ratios given above are diluted by Kubilay Acrylic thinner by 20-30% as weight;				
				<u>Glossy</u>	<u>Matte</u>
	311-XXXX	1.Component	.....	2 Part (12 kg / pack)	5 Part (12 kg / pack)
	369-0025	2.Component	.....	1 Part (6 kg / pack)	1 Part (2,4 kg / pack)
	931-0311	Acrylic Thinner	.....	0,6 Part (3,6 kg)	1,2 Part (3 kg)
	<i>Values are based on %20 dilution rate</i>				
	* : 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.				
	Especially for glossy topcoats, PU slow thinner should be used in hot weather to prevent possible pinhole problem.				
APPLICATION METHOD :	Preparation: 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 mix in 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 any of Kubilay polyurethane or polyester primers. The product should be prepared according to mixing ratios given above and is sprayed in two or three cross-wise layers (Recommended: For matte: 120-150 g/m ² , for glossy: 130 -180 gr/m ²). For glossy topcats, 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 Components 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.