



TECHNICAL DATA SHEET

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PRODUCT	PU VIP PLUS (2+1) TOPCOAT, ENAMEL				
PRODUCT CODE	291-X1XX				
COLOR	Cream and Grey colours are available.				
DESCRIPTION	It's a solvent borne 2 Pack Polyurethane high yellowing resistant topcoat enamel in different colors and matting degrees.				
MIXING RATIO & GLOSS VALUE **	MIXING RATIO (by weight)*	MIXING RATIO (by volume)	1st COMPONENT	2nd COMPONENT	GLOSS (°60)
SUPER //FULL MATTE	2+1	1,5+1	291-X1XX	209-0528	05 - 15
MATTE	2+1	1,5+1	291-X1XX	209-0528	20 - 25
SPECIAL MATTE	2+1	1,5+1	291-X1XX	209-0528	20 - 25
SILK MATTE	2+1	1,5+1	291-X1XX	209-0528	50 - 55
GLOSSY	2+1	1,6+1	291-X1XX	209-0343/0344 ***	95 - 100
**: It can be indicated as gloss value (such as 10 matte etc.) instead of definition like full or super definition, is also applicable for other grades.					
***: It depends on the air weather conditions (209-0344 is used in summer, generally)					
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 and yellowing resistance High chemical resistance to water and household chemicals				
PHSICAL PROPERTIES			<u>Matte Group</u>	<u>Glosy</u>	
	Viscosity (D4/20°C)		30" - 35"	95" - 110"	
Density (g/cm ³ ; 20°C)			1,05 - 1,2	1,1 - 1,3	
MIXING PROPERTIES			<u>Matte Group</u>	<u>Glossy</u>	
	Pot life	.....	1,5 - 2 hr	4 - 5 hr	
	Dust Dry (20°C, %50 humidity)	.....	5 - 10 minutes	10 - 20 min.	
	Touch Dry (20°C, %50 humidity)	.....	30 - 35 minutes	2 - 3 hr	
Set Dry (20°C, %50 humidity)	.....	24 hr	24 hr		
DILUTION RATIO	Topcoats which prepared according to mixing ratios given above are diluted by Kubilay PU thinner by 5 % max as weight for Mat Groups, %20-30 for Glossy, respectively;				
			<u>Matte Group</u>	<u>Glossy</u>	
	291-X1XX	1.Component	.....	2 Part (12 kg / pack)	2 Part (12 kg / pack)
	209-0XXX	2.Component	.....	1 Part (6 kg / pack)	1 Part (6 kg / pack)
921-0222	PU Thinner	.....	Max 0,15 Part (0,9 kg)	0,6-0,9 Part (3,5-5,5 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.					
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 mixin 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 (212-, 292-series), polyester primers (812-serie) or UV primer (822-seri). The product should be prepared according to mixing ratios given above and is sprayed in two or three cross-wise layers (Recommended: 70 - 80 gr/m ² for matte groups, 140 - 160 gr/m ² for glossy).					
STORAGE:					
1st Components will remain stable for at least 12 months and 2nd Components (hardener) 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.