



## TECHNICAL DATA SHEET

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<b>PRODUCT</b>	<b>2K Pigmented Topcoat for Panel Door (Craft Master)</b>						
<b>PRODUCT CODE and MIXING RATIO*</b>	<b>MIXING RATIO (by weight)*</b>	<b>1st COMPONENT</b>			<b>2nd COMPONENT</b>		
	4+1	201-XYXX, 201-X2XX, 201-X3XX, 201-X4XX			219-1032		
<b>COLOR</b>	Any colors can be designed upon request other than standart catalogue.						
<b>DESCRIPTION</b>	It's a solvent borne 2 pack polyurethane enamel system which has sub-groups based on different gloss values (such as, matte, silk matte) and hiding power especially designed for American Panel Door surfaces.						
<b>APPLICATION FIELDS</b>	It is a pigmented topcoat system developed for use in craft master surfaces for panel door for internal use.						
<b>ÖZELLİKLERİ</b>	High impact, mar and scratch resistance due to polyurethane structure. High hiding power with high slip on surface. High chemical resistance to water and household chemicals  Can be described as 4 main sub-groups according to the properties based on hiding power, whiteness (for white color) and yellowing resistance. So, for right choice according to the requirement, the properties are given below as ranked 0 - 5 comperatively (**:5:good, 0:worst).						
<b>Sub Groups; Code and Properties</b>	<b>Code</b>	<b>Density (g/cm<sup>3</sup>; 20°C)</b>	<b>Viscosity (D6/20°C)</b>	<b>Hiding Power **</b>	<b>Whiteness **</b>	<b>Yellowing Resistance **</b>	<b>Gloss*** (°60)</b>
2K Panel Door Enamel	201-XYXX	1,38 - 1,41	100 - 120	4 - 4,5	3,5 - 4,75	4	40 - 75
2K Brilliant NY Panel Door Enamel	201-X2XX	1,40 - 1,43	250 - 300	4	4 - 4,5	5	70 - 75
2K Brilliant-B NY Panel Door Enamel	201-X3XX	1,55 - 1,58	100 - 120	5	5	5	70 - 75
2K Bynr, Semi Matte Door Enamel	201-X4XX	1,50 - 1,55	110 - 130	4,5	5	5	50 - 75
<b>***: Those the gloss values on flat MDF with PU Primer. Therefore, 15-20 lower gloss can be obtained on the craft master surfaces on panel door, at least. Especially in the products of 201-XYXX group ( such as 201-1010, 201-1005, 201-1025, 201-1110 etc) the product range is wide due to the presence of products of different gloss ans it's indicated in the product name like as matt, semi-matte.</b>							
<b>MIXING PROPERTIES</b>	Pot-life (20°C)	.....	.....	.....	.....	.....	.....
	Dust Dry (20°C, %50 nem)	.....	.....	.....	.....	.....	.....
	Touch Dry (20°C, %50 nem)	.....	.....	.....	.....	.....	.....
	Set Dry (20°C, %50 nem)	.....	.....	.....	.....	.....	.....
<b>DILUTION RATIO</b>	Enamels which prepared according to mixing ratios given above are diluted by Kubilay PU thinner by 25-30% as weight;						
	201-XXXX	1.Component	.....	.....	.....	.....	.....
	219-1032	2.Component	.....	.....	.....	.....	.....
	921-0222	PU Thinner	.....	.....	.....	.....	.....
*: 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>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 mixin ratio) thinner is added by mixing. Make sure a homogenous mixture is obtained before application.  It can be applied directly to dry and dust-free craft master surfaces has already been coated with water based primer, as well, but for the best performance it can be applied on the surfaces already sanded previously primed with Kubilay Cellulosic Primer (612-series) or PU Primer (212-series), the product should be prepared according to mixing ratios given above and is sprayed in two or three cross-wise layers (Recommended: 130 -150 gr/m2).  When applied in a single layer with a thickness of 30-35 microns dry film, 8-10 m <sup>2</sup> area can be covered with 1 kg(except for losses).							
<b>STORAGE:</b>							
1st Components will remain stable for at least 12 months and 2nd Components (379-0032) 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.*