



TECHNICAL DATA SHEET

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PRODUCT	PU U-PLUS (2+1) TOPCOAT ENAMEL MATTE/ S. MATTE				
PRODUCT CODE	251-X4XX				
COLOR	White				
DESCRIPTION	It's a solvent borne 2 Pack Polyurethane high yellowing resistant topcoat enamel in different matting degrees.				
MIXING RATIO & GLOSS VALUE **	MIXING RATIO (by weight)*	MIXING RATIO (by volume)	1st COMPONENT	2nd COMPONENT	GLOSS (°60)
MATTE	2+1	1,4+1	251-X4XX	209-0325	5 - 10
SPECIAL MATTE	2+1	1,4+1	251-X4XX	209-0325	20 - 25
SILK MATTE	2+1	1,4+1	251-X4XX	209-0325	40 - 45
<i>**: 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.</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 filling power and excellent filling sanding lines Good levelling and smooth surface and excellent slip High impact, scratch and yellowing resistance High chemical resistance to water and household chemicals				
PHSICAL PROPERTIES	Viscosity (D4/20°C) Density (g/cm3; 20°C)		100" - 120" 1,35 ± 0,05		
MIXING PROPERTIES	Pot life Dust Dry (20°C, %50 humidity) Touch Dry (20°C, %50 humidity) Set Dry (20°C, %50 humidity)	 6 - 7 hr 20 - 25 minutes 150 - 220 minutes 24 hr		
DILUTION RATIO	Topcoats which prepared according to mixing ratios given above are diluted 20% as weight by Kubilay PU thinner. 251-X4XX 1 st Component 2 Part (12 kg / pack) 209-0325 2 nd Component 1 Part (6 kg / pack) 921-0222 PU Thinner 0,6 Part (3,6 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 w eight, it is especially recommended to be made by w eight by w eighing 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 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: 150-175 gr/m2 for 40-45 µm dry film thickness). Approximaletly 12 m2 area can be covered with 1 kg (except for losses).					
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.