



TECHNICAL DATA SHEET

Dök.No: ÜRT-TDS-149
Yay.Tar.: 24.04.2008
Rev. No : REVIZYON-03
Rev.Tar. : 14.11.2018
Sayfa : 1/1

PRODUCT	PU ULTRAMAX PIGMENTED TOPCOAT, ENAMEL																									
PRODUCT CODE	251-XXXX																									
COLOR	Any colors can be designed upon request other than standart catalogue.																									
DESCRIPTION	It's a high yellowing resistant, solvent borne 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)																					
SUPER // FULL MATTE	4+1	3+1	251-XXXX	279-0032	10±5																					
MATTE	4+1	3+1	251-XXXX	279-0032	25±5																					
SILK MATTE	4+1	3+1	251-XXXX	279-0032	45±5																					
GLOSSY	2+1	1,7+1	251-XXXX	279-0032	95±5																					
<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 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																									
TECHNICAL PROPERTIES	<table border="1"><thead><tr><th></th><th><u>Glossy</u></th><th><u>Matte</u></th></tr></thead><tbody><tr><td>Viscosity (D4/20°C)</td><td>100" - 120"</td><td>45" - 60"</td></tr><tr><td>Density (g/cm³; 20°C)</td><td>1,15 - 1,2</td><td>1,15 - 1,3</td></tr><tr><td>Pot life</td><td>4 - 5 hours</td><td>4 - 5 hours</td></tr><tr><td>Dust Dry (20°C, %50 humidity)</td><td>40 - 50 min.</td><td>5 - 10 min.</td></tr><tr><td>Touch Dry (20°C, %50 humidity)</td><td>4 - 5 hours</td><td>2 - 3 hours</td></tr><tr><td>Set Dry (20°C, %50 humidity)</td><td>24 hours</td><td>24 hours</td></tr></tbody></table>						<u>Glossy</u>	<u>Matte</u>	Viscosity (D4/20°C)	100" - 120"	45" - 60"	Density (g/cm ³ ; 20°C)	1,15 - 1,2	1,15 - 1,3	Pot life	4 - 5 hours	4 - 5 hours	Dust Dry (20°C, %50 humidity)	40 - 50 min.	5 - 10 min.	Touch Dry (20°C, %50 humidity)	4 - 5 hours	2 - 3 hours	Set Dry (20°C, %50 humidity)	24 hours	24 hours
	<u>Glossy</u>	<u>Matte</u>																								
Viscosity (D4/20°C)	100" - 120"	45" - 60"																								
Density (g/cm ³ ; 20°C)	1,15 - 1,2	1,15 - 1,3																								
Pot life	4 - 5 hours	4 - 5 hours																								
Dust Dry (20°C, %50 humidity)	40 - 50 min.	5 - 10 min.																								
Touch Dry (20°C, %50 humidity)	4 - 5 hours	2 - 3 hours																								
Set Dry (20°C, %50 humidity)	24 hours	24 hours																								
DILUTION RATIO	<p>Topcoats which prepared according to mixing ratios given above are diluted by Kubilay PU thinner by 20-30% as weight;</p> <table border="1"><thead><tr><th></th><th><u>Glossy</u></th><th><u>Matte</u></th></tr></thead><tbody><tr><td>251-XXXX 1.Component</td><td>2 Part (12 kg / pack)</td><td>4 Part (12 kg / pack)</td></tr><tr><td>279-0032 2.Component</td><td>1 Part (6 kg / pack)</td><td>1 Part (3 kg / pack)</td></tr><tr><td>921-0222 PU Thinner</td><td>1 Part (5-6 kg)</td><td>1,5 Part (4-5 kg)</td></tr></tbody></table> <p>*: 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.</p> <p>Especially for glossy topcoats, PU slow thinner should be used in hot weather to prevent possible pinhole problem.</p>						<u>Glossy</u>	<u>Matte</u>	251-XXXX 1.Component	2 Part (12 kg / pack)	4 Part (12 kg / pack)	279-0032 2.Component	1 Part (6 kg / pack)	1 Part (3 kg / pack)	921-0222 PU Thinner	1 Part (5-6 kg)	1,5 Part (4-5 kg)									
	<u>Glossy</u>	<u>Matte</u>																								
251-XXXX 1.Component	2 Part (12 kg / pack)	4 Part (12 kg / pack)																								
279-0032 2.Component	1 Part (6 kg / pack)	1 Part (3 kg / pack)																								
921-0222 PU Thinner	1 Part (5-6 kg)	1,5 Part (4-5 kg)																								
APPLICATION METHOD :	<p>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.</p> <p>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:140-160 g/m², for glossy:150 -180 gr/m²).</p> <p>For glossy topcats, paste-polish is recommended after 24 hours in summer and at least 2 days in winter depending on the ambient conditions.</p>																									
STORAGE:	<p>1st Components will remain stable for at least 12 months and 2nd Components (279-0032) is 6 months when stored in their original packs in a dry place at storage temperatures between 5-35 °C.</p> <p>It's recommended to read SDS before applications.</p>																									

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.