



TECHNICAL DATA SHEET

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PRODUCT	ULTRA HYGIENE ANTIVIRAL PU (5+1) MATTE VARNISH															
PRODUCT CODE	835-00XX															
DESCRIPTION	It's a solvent borne 2 Pack Polyurethane Antiviral PU Topcoat Varnish with different gloss values (such as, matte, matte and silk matte).															
MIXING RATIO & GLOSS VALUE *	MIXING RATIO (by weight)*	1st COMPONENT	2nd COMPONENT	Gloss, °60												
MATTE	5+1	835-0010	809-0005	10±5												
SPECIAL MATTE	5+1	835-0025	809-0005	25±5												
SILK MATTE	5+1	835-0045	809-0005	45±5												
APPLICATION FIELDS	<p>Although it has been developed especially for wooden surfaces (coated, uncoated) to give antiviral function, it can be applied to different surfaces (metal, plastic, etc.) provided that it is tested beforehand.</p> <p>If a colored surface is desired, application of Ultra Hygiene Varnish is recommended following the application of PU Pigmented Lacquer ** in the desired color.</p> <p>See brochure for details.</p>															
PROPERTIES	<p>It is topcoat varnish with optionally in different gloss values and non-scratched, gives silky touch to the surfaces it is applied but does not leave finger prints.</p> <p>It is antiviral in accordance with ISO 21702 and prevents virus reproduction.</p> <p>It does not change the color of the surface it is applied and does not yellow ** (In this way, it can be used in the coating of light colored woods and also in the coating of the disassembled parts at different times without any color difference).</p> <p>Due to its polyurethane structure, it gives a film with optimum scratch, impact and chemical resistant, hard and durable structure against physical effects.</p>															
<i>** : In order to avoid any color changes in the entire process, all layers on cycle should be non-yellowing as well.</i>																
TECHNICAL PROPERTIES	<table><tr><td>Viscosity (D4/20°C)</td><td>55" - 65"</td></tr><tr><td>Density (g/cm³; 20°C)</td><td>1±0,05</td></tr><tr><td>Pot life</td><td>5 - 6 hrs</td></tr><tr><td>Dust Dry (20°C, %50 humidity)</td><td>25 - 30 min</td></tr><tr><td>Touch Dry (20°C, %50 humidity)</td><td>90 - 120 min</td></tr><tr><td>Set Dry (20°C, %50 humidity)</td><td>24 hrs</td></tr></table>				Viscosity (D4/20°C)	55" - 65"	Density (g/cm ³ ; 20°C)	1±0,05	Pot life	5 - 6 hrs	Dust Dry (20°C, %50 humidity)	25 - 30 min	Touch Dry (20°C, %50 humidity)	90 - 120 min	Set Dry (20°C, %50 humidity)	24 hrs
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DILUTION RATIO	<p>Matte Varnishes which prepared according to mixing ratios given above are diluted by Kubilay 931-0311 thinner by 30% as weight;</p> <table><tr><td>1st Component</td><td>.....</td><td>5 Part (3 kg / pack)</td></tr><tr><td>2nd Component</td><td>.....</td><td>1 Part (0,6 kg / pack)</td></tr><tr><td>Thinner (931-0311)</td><td>.....</td><td>1,8 Part (1 kg)</td></tr></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>				1st Component	5 Part (3 kg / pack)	2nd Component	1 Part (0,6 kg / pack)	Thinner (931-0311)	1,8 Part (1 kg)			
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APPLICATION METHOD :																
<p>Preparation: Before mixing, the first component should be mixed thoroughly and make sure that it is completely homogeneous in its package. Then first and second component are mixed according to mixing ratio as much as desired amount, mixture is stirred to obtain a homogenous mixture once again. Finally, for adjusting application viscosity, required amount (according to information which is given in mixing ratio) thinner is added by mixing. Make sure a homogenous mixture is obtained before application.</p> <p>It is recommended to apply 100-120 g / m² in 2-3 cross layers by spraying on suitably cleaned dry and dust-free surfaces, in this case, with 1 kg mixture prepared, approximately 8-10 m² area leaving 30-35 microns dry film thickness can be covered (except for losses).</p>																
STORAGE:																
<p>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.</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.