



## TECHNICAL DATA SHEET

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<b>PRODUCT</b>	<b>UV ACRYL-LACK PIGMENTED MATTE TOPCOAT SYSTEM (821-X1XX)</b>															
<b>DESCRIPTION</b>	Acrylic and Epoxy Acrylate resin-based spray-applied Ultraviolet Ray (UV) cured topcoat matte lacquer system suitable for lines with a minimum flash-off time of 13 minutes / 40 ° C and can be applied with two components (Dual Cure) when required.															
<b>MIXING RATIO &amp; GLOSS VALUE **</b>	<b>1st COMPONENT</b>	<b>2nd COMPONENT (optional)</b>	<b>MIXING RATIO (by weight) *</b>	<b>Gloss, °60</b>												
SUPER MATTE	821-X1XX	809-0050	100 + (0-3)	10±5												
MATTE	821-X1XX	809-0050	100 + (0-3)	25±5												
SILK MATTE	821-X1XX	809-0050	100 + (0-3)	45±5												
<i>** : It can be indicated as gloss value (such as 10 matte, 25 matte etc.) instead of definition like full or super definition, is also applicable for other grades.</i>																
<b>COLOR</b>	Various colors, mainly white tones, can be made.															
<b>APPLICATION AREAS</b>	It is especially used to finish the surfaces of disassembled interior furniture systems which already prepared by Kubilay UV Primer or ready to used primed MDF. Dual curing system with 2nd component is optional. Requirement of second component should be clarified in a prior test on the customer line.  May not be suitable for melamine and paper laminated chipboard and laminated MDF surfaces. Further modifications of the UV sealer can be made to accommodate other coating applications (please ask Technical Service)															
<b>PROPERTIES</b>	It is applied with spray and cures in the UV line in a short time. It gives good levelling and filling power, excellent adhesion to the primer surface it is applied, and resistant to impacts, water and household chemicals. The side edges up to 4 cm high can be cured with or without the second component (hardener) depends on the line properties.															
<b>TECHNICAL PROPERTIES</b>	Viscosity (D4/20°C) Density (gr/cm3/20°C) Pot-life (hr / 20°C)***		20" - 25" 1,146 ± 0,05 10 - 12													
*** : for Dual-Cure with 2-component UV																
<b>DILUTION RATIO*</b>	It can be thinned %30 with 981-0814 UV Fast Thinner after prepared according to the mixing ratio specified above for application with Spray but the user should consult our Technical Service to make the right decision.  <table><tr><td>821-X1XX</td><td>1st Component</td><td>.....</td><td>100 Part</td></tr><tr><td>(809-0050)</td><td>(2nd Component (Cross-Linker))</td><td>.....</td><td>(0 - 3 Part)</td></tr><tr><td>981-0814</td><td>UV Fast Thinner</td><td>.....</td><td>30 Part</td></tr></table> <b>Important:</b> It should be stirred well in its pack, then for adjusting application viscosity, required amount (according to information which is given in dilution ratio) thinner is added by mixing. Make sure a homogenous mixture is obtained before application. Products should be diluted as much as required that will be used during the pot-life period for Dual Cure. Those products that long term pre-diluted can lose their homogeneity and cause out of specifications, accordingly.				821-X1XX	1st Component	.....	100 Part	(809-0050)	(2nd Component (Cross-Linker))	.....	(0 - 3 Part)	981-0814	UV Fast Thinner	.....	30 Part
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981-0814	UV Fast Thinner	.....	30 Part													
<b>APPLICATION METHOD :</b> Before Application, product should be stirred well.  It is applied on the surfaces which pre-controlled in terms of dry, dust-free and calibrated well. The product, prepared for application according to the above mixture and thinning rate, can be applied by spraying at 110 ± 10 gr / m2 depending on the desired surface.  To ensure solvent evaporation first, after flash-off (minimum 13 min / 40°C) subsequently, it is cured by passing through TL and UV lamps (Hg (Mercury) and Ga (Gallium) with minimum 80W power each) at a band speed of 2-3 meters/minute.																
<b>STORAGE:</b> Products will remain stable for at least 12 months when stored in its original pack in a dry place by protecting from light 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.*