



TECHNICAL DATA SHEET

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PRODUCT	UV PRIMER						
PRODUCT CODE	822-XXXX						
COLOR	Various colors, mainly white tones can be made						
DESCRIPTION	UV curable primer based on Epoxy Acrylate Resin with an ultra low VOC, designed for roll-coat application (It can also be sprayed by dilution) on flat surfaces such as, mdf, laminated mdf and massive.						
APPLICATION AREAS	<p>It is especially used to prepare the surfaces of demounted furniture systems (MDF, Laminated and, when necessary, massive solid surfaces) for pigmented topcoat applications where the performance of topcoat with excellent optical properties (excellent levelling and distinction of image (DOI) is desired).</p> <p>May not be suitable for melamine and paper laminated chipboard and MDF surfaces. Further modifications of the UV primer can be made to accommodate other coating applications (please ask Technical Service)</p>						
PROPERTIES	UV curable primer with a good hiding power is a UV basecoat that coats wood well, penetrates and seals a wide variety of pore structures in substrates. In addition, it permits smooth, uniform coverage, and good adhesion of subsequently applied UV topcoats. With an ultra low VOC. that is very sandable and minimizes grain raise. It has an excellent cure response. It also performs remarkably well with a wide variety of UV wood topcoats.						
TECHNICAL PROPERTIES	<table><tr><td>Solid (%)</td><td>99 - 100</td></tr><tr><td>Viscosity (mD/20°C)</td><td>90 - 100</td></tr><tr><td>Density (gr/cm³/20°C)</td><td>1,35 ± 0,05</td></tr></table>	Solid (%)	99 - 100	Viscosity (mD/20°C)	90 - 100	Density (gr/cm ³ /20°C)	1,35 ± 0,05
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ZIMPARA SÜRESİ	It can be sanded easily, curing after 2 X 80W mercury (M) / (Hg) and galium (Ga) lamp, with the speed of 8-12 meters/min						
DILUTION RATIO	<p>Whether thinning is required depends on the application method and the expectations from the final product. The user should consult our Technical Service in order to make the right decision.</p> <p>Important: If dilution is required, 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. Those primers that long term pre-diluted can lose their homogeneity and cause out of specifications, accordingly.</p>						
APPLICATION METHOD : 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. It's ready to used for roller coating applications (if it's required to apply by spray it should be diluted by Kubilay UV thinner (981-0812). Please ask assistance of Kubilay Technical Service for technical details of spray applications) It can be applied as 2 layer, as 1 st layer cured by 1-2* 80W M & Ga then 2 nd layer is applied without any sanding between layers. Then sanding can be done as soon as 2 nd layer cured by same exposure. Best cure for 8-12 meters/min curing rate. Any solvent based topcoat can be also applied after calibrated sanding of primer. 10 m ² can be coated with 1 kg if 90 - 100 grams/m ² applied (without losses).							
STORAGE: 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.