



## TECHNICAL DATA SHEET

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<b>PRODUCT</b>	<b>AQUA-TECH Water Based 2K Barrier Varnish</b>		
<b>PRODUCT CODES and MIXING RATIO</b>	<b>MIXING RATIO</b>	<b>1st COMPONENT</b>	<b>2nd COMPONENT</b>
	100 + 2,5	025-0000	029-0003
<b>DESCRIPTION</b>	It is a two-component, water-based transparent barrier varnish.		
<b>APPLICATION AREAS</b>	Aqua-Tech Water Based 2K Barrier Varnish system is a product designed to facilitate the application of paint and varnish on hard surfaces such as glass, laminated chipboard etc. However, it must be tested for specific surfaces (artificial veneer, recycled-plastic, etc.).		
<b>PROPERTIES</b>	Oderless and Ecofriendly Excellent adhesion Fast Drying Excellent water and chemical resistance Not change the color of the surface applied Apperance; 1st Componet:Milky, 2nd Componet:Clear, Mixture:Milky		
<b>TECHNICAL PROPERTIES</b>	Viscosity (D6 /20°C)	.....	30" - 35"
	Density (gr/cm3/20°C)	.....	1,03±0,02
	Pot Life (hr / 20°C)	.....	> 24 hours
	Touch Dry (20°C, %60 humidity)	.....	60 - 90 min
	Complete Dry (20°C, %60 humidity)	.....	24 hours
	<i>Low temp and high relative humidity lead to prolonged drying time.</i>		
<b>DILUTION RATIO</b>	During the application, after mixing the prepared Aqua-Tech Water Based 2K Barrier Varnish (025-0000) and hardener (029-0003) according to the above mentioned mixing ratio (025-0000), it is thinned by 10-15% with water (Vis : 20-25 D4 / 20C) is used.  <b>Important:</b> Before dilution, it should be stirred w ell, then required amount hardener (2nd component) is added by stirring, finally required amount (according to information w hich is given in dilution ratio) w ater is added by mixing. Make sure a homogenous mixture is obtained before application. It is not recommended to w ait for a long time neither the hardener added mixture nor the thinned product. The mixture should be prepared as much as it w ill be used during the life of the mixture and should be thinned.		
<b>APPLICATION METHOD :</b>	<p>Before application, the products are thoroughly mixed in the package. <b>The temperature of the application environment and surface should not be below 15°C and application should not be done on high humid surfaces.</b></p> <p>Depending on the purpose of use, after the pre-surface treatments are done, it is applied with 1 or 2 layers spray to the ready surface. Waiting time between the coats should be min1 hour and max 3-4 hours.</p> <p>Recommend amount :70-120 g/m2.</p>		
<b>STORAGE:</b>	<p>1st Components will remain stable for at least 12 months and 2nd Component is 6 months when stored in their original packs in a dry place at storage temperatures between 5-35 °C.</p> <p><b>Especially 2nd component is corrosive, care must be taken when using it. Since it is reactive, it should be closed tightly after each use.</b></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.*