



## TECHNICAL DATA SHEET

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<b>PRODUCT</b>	<b>EPOXY, UNICO ve UNICO-S EPOXY TOPCOAT</b>				
<b>PRODUCT CODE</b>	<b>441-XXXX</b>				
<b>COLOR</b>	Some colors can be designed upon request other than standart catalogue.				
<b>DESCRIPTION</b>	It's a solvent borne 2 Pack Epoxy topcoat enamel which has high performance in adhesion, chemical resistance and salt water resistance.  There are sub series depends on different demands.				
<b>MIXING RATIO &amp; GLOSS VALUE</b>	<b>MIXING RATIO (by weight)*</b>	<b>MIXING RATIO (by volume)</b>	<b>1st COMPONENT **</b>	<b>2nd COMPONENT</b>	<b>GLOSS (°60) ***</b>
EPOXY SONKAT	3+1	2+1	441-X0XX	449-0048	90±5
UNICO EPOXY SONKAT	3+1	2+1	441-X2XX	449-0030	90±5
UNICO-S EPOXY SONKAT	7+1	4,7+1	441-X2XX	449-0040	90±5
<i>**:</i> Product codes may have transitions, so that sub-series can be correctly identified by product names.					
<i>***:</i> Gloss can be changeable depends on opac or metallic color. In opac colors, glossy system is 90±5 gloss, matte system is 50±5 in gloss. In metallic colors, could be max 85 gloss.					
<b>APPLICATION FIELDS</b>	It can be used safely on surfaces requiring high resistance to corrosion (chemical plants, transformers, commercial vehicles, containers, sea vehicles, industrial machines, etc.).				
<b>PHSICAL PROPERTIES</b>		<u>EPOXY</u>	<u>UNICO EPOXY</u>	<u>UNICO-S EPOXY</u>	
	Viscosity (D4/20°C)	60" - 75"	45" - 55"	50" - 60"	
	Density (g/cm <sup>3</sup> ; 20°C)	1,4 - 1,55	1,42 - 1,52	1,45 - 1,55	
<b>MIXING PROPERTIES</b>	Pot life	.....	7 - 8 hours		
	Dust Dry (20°C, %50 humidity)	.....	45 - 60 minutes		
	Touch Dry (20°C, %50 humidity)	.....	7 - 8 hours		
	Set Dry (20°C, %50 humidity)	.....	24 hours		
<b>DILUTION RATIO</b>	Topcoats which prepared according to mixing ratios given above are diluted by Kubilay Epoxy Thinner or Kubilay Cellulosic Thinner by 30% as weight;  * 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.				
<b>APPLICATION METHOD :</b>	<p><b>Preperation:</b>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 mixing ratio) thinner is added by mixing. Make sure a homogenous mixture is obtained before application.</p> <p>The surfaces prepared with Kubilay Epoxy Primer are applied to the surfaces of Kubilay Epoxy Topcoat Enamel with a hardener, after mixing in the above ratios and thinning with Thinner. The floors are applied for two or three times with an interval of 8 hours.</p> <p>When applied in a single layer with a thickness of 35-40 microns dry film, 8 - 10 m<sup>2</sup> area can be covered (except for losses).</p>				
<b>STORAGE:</b>	1st Components will remain stable for at least 12 months and 2nd Components (hardener) is 6 months when stored in their original packs in a dry place 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.*