



TECHNICAL DATA SHEET

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PRODUCT	EPOXY, UNICO ve UNICO-S EPOXY PRIMER			
PRODUCT CODE	44-XXXX			
COLOR	Some colors can be designed upon request other than standart catalogue.			
DESCRIPTION	It's a solvent borne 2 Pack Epoxy primer for anti rust which has high performance in adhesion, chemical resistance and salt water resistance. There are sub series designed to meet different demands.			
MIXING RATIO & GLOSS VALUE	MIXING RATIO (by weight)*	MIXING RATIO (by volume)	1st COMPONENT **	2nd COMPONENT
EPOXY PRIMER	3+1	2+1	442-X0XX	449-0040
UNICO EPOXY PRIMER	3+1	2+1	442-X2XX	449-0030
UNICO-S EPOXY PRIMER	7+1	4,7+1	442-X2XX	449-0040
<i>**: Product codes may have transitions, so that sub-series can be correctly identified by product names.</i>				
APPLICATION FIELDS	It is used on surfaces requiring high resistance to corrosion, before topcoat paint (chemical plants, transformers, commercial vehicles, containers, sea vehicles, industrial machines, etc.).			
PHSICAL PROPERTIES		<u>EPOXY</u>	<u>UNICO EPOXY</u>	<u>UNICO-S EPOXY</u>
	Viscosity (D4/20°C)	60" - 75"	75" - 85"	TIX
	Density (g/cm3; 20°C)	1,4 - 1,6	1,55 - 1,65	1,55 - 1,65
MIXING PROPERTIES		<u>EPOXY & UNICO</u>		<u>UNICO-S</u>
	Pot life	.....	8 - 9 hours	10 - 11 hours
	Dust Dry (20°C, %50 humidity)	.....	25 - 45 min	10 - 15 min
	Touch Dry (20°C, %50 humidity)	.....	7 - 8 hours	5 - 6 hours
	Set Dry (20°C, %50 humidity)	.....	24 hours	24 hours
DILUTION RATIO	Primers which prepared according to mixing ratios given above are diluted by 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.			
APPLICATION METHOD :	<p>Preperation: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 metal surface should be treated first by cleaning with sand blasting (Sa 21/2) degree until it reaches shiny metal. Kubilay Epoxy Primer should be applied on the cleaned surface within 8 hours at the latest. The primer is applied to the surface with pistole, brush or roller which is thinned by mixing with the hardener in the stated ratios. Wait 8 hours between coats. In order to accelerate drying, a low degree oven can be used. Then Kubilay Epoxy Topcoat Enamel is applied as topcoat.</p> <p>When applied in a single layer with a thickness of 35-40 microns dry film, 7 - 8 m2 area can be covered (except for losses).</p>			
STORAGE:	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.