



TECHNICAL DATA SHEET

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PRODUCT	AQUA-TECH Water Based Topcoat Enamel		
PRODUCT CODES and GLOSS *	PRODUCT	CODE	Gloss, 60°
	SEMI MATTE	031-1002	40 - 50
	MATTE	031-1003	20 - 25
	SUPER MATTE	031-1005	10 - 15
*: The white color is indicated on the product code. Second component (029-0003) is optionally recommended; In case of use, Mixing ratio: 100+2.5			
COLOR	New colors other than the standart in catalog can be designed upon request.		
DESCRIPTION	Aqua-tech water based topcoat is based on acrylic, designed for indoor wooden surfaces.		
APPLICATION AREAS	In OEM wooden surfaces such as, joinery, door, furniture etc.for indoor use. Decorative DIY applications are possible for all painted wooden, glass, metal, mineral surfaces (stone, ceramics etc) and plastics (other than LDPE) direct application to surface without using primer. 029-0003 hardener is recommended as a second component in the application for kitchen cabinet and bathroom furniture to provide extra water resistance and strengthen adhesion.		
PROPERTIES	High hiding-power Excellent levelling Excellent adhesion Excellent slip High scratch and impact resistance High water resitance Oderless and Ecofriendly (VOC free, Heavy metal free, conforms to EN 71/3) Non-yellowing		
TECHNICAL PROPERTIES	<u>031-1003 & 1002</u>		<u>031-1005</u>
	Viscosity (D6 /20°C)	30" - 40"	120" - 140"
	Density (gr/cm3/20°C)	1,25 - 1,35	1,20 - 1,3
	Dust Dry (20°C, %60 humidity)	30 - 40 min	30 - 40 min
	Touch Dry (20°C, %60 humidity)	2 - 3 hours	2 - 3 hours
	Compleate Dry (20°C, %60 humidity)	10 - 12 hours	10 - 12 hours
	Stackabilty (20°C, %60 humidity)	min 48 hr	min 48 hr
<i>All properties can be changed slightly depends on color, besides low temp and high relative humidity lead to prolonged drying time.</i>			
DILUTION RATIO	During the application, depending on the application method, it is applied by diluting with 0 - 5% water for brush and roller application and 15 % water for spray application. When two-component application is preferred, there will be no need for additional dilution. Important: Before dilution, it should be stirred well, then for adjusting application viscosity, required amount (according to information which is given in dilution ratio) water is added by mixing. Make sure a homogenous mixture is obtained before application. Products should be dilutes as much as required. Products that long term pre-diluted can loose their homogeneity and cause out of specifications, accordingly.		
APPLICATION METHOD :			
Preperation: Before application, the products are thoroughly mixed in the package and surfaces must be dry and free of all kinds of dust and dirt before the application. The temperature of the application environment and surface should not be below 15°C and application should not be done on high humid surfaces.			
It is applied to the surfaces prepared with Aqua-tech Water Based Interior Primer (032-series) according to the application method after it is diluted by the water decribed above, with 1-2 layers spray, brush or roller depending on the shape of the surface to be applied or desired apperance. Spray application should be preffered to get best levelling and slip. In brush and roler applications, it should be taken into account that the brush must be acrylic and long bristle, the roller should be velvet (foam roller not recommend). In direct topcoat applications without using a primer, it should be taken into consideration that an extra coat may be required to obtain the desired hiding power.			
In decorative paint applications, application can be made without thinning, provided that it is tested beforehand.			
Spreading rate depends on the type of application, approximately 10-12 m ² can be cover per layer with 1 liter (without waste).			
STORAGE:			
Products will remain stable for at least 12 months when stored in its original pack 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.