



TECHNICAL DATA SHEET

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PRODUCT	AQUA-TECH Water Based Interior Topcoat Varnish			
PRODUCT CODES and GLOSS	PRODUCT	CODE	Gloss, 60°	
	05 MATTE *	035-0540	05 - 10	
	MATTE	035-2540	20 - 25	
	SILK MATTE (SEMI GLOSS)	035-5540	55 - 65	
*: 05 Matte Varnish can be called Lacquer, as well.				
DESCRIPTION	Aqua-Tech Water Based Topcoat Varnish is a water thinnable, acrylic based, one-component, transparent matt varnish system designed to protect indoor wood surfaces.			
APPLICATION AREAS	It is used on interior surfaces such as pine, spruce, beech, maple, oak type wooden building elements such as furniture, doors, stair handstands etc. which are not under extreme load. Due to being environmentally friendly products, it can be used safely in children's furniture and toys.			
PROPERTIES	It is environmentally friendly, water-thin, odorless during application as well as after drying, conforming to EN 71-3. Very easy to apply. It provides a scratch resistant, aesthetically silky - velvety, high water repellent transparent surface in different brightness values upon request.			
TECHNICAL PROPERTIES		<u>035-0540</u>	<u>035-2540</u>	<u>035-5540</u>
	Viscosity (20°C)	TIX	TIX	TIX
	Density (gr/cm ³ /20°C)	1,02±0,05	1,03±0,05	0,99±0,05
	Dust Dry (20°C, %50 humidity)	25 min	60 - 70 min	80 - 90 min
	Touch Dry (20°C, %50 humidity)	2 - 3 hr	5 - 6 min	4 - min
Complete Dry (20°C, %50 hum.)	24 hr	24 hr	24 hr	
<i>Low temp and high relative humidity lead to prolonged drying time.</i>				
DILUTION RATIO	During the application, products should be mixed well before dilution. it is applied by diluting with 20% for 035-0540 and 10% for 035-2540 and 035-5540 with water (Be careful to use correct ratio for the correct product). 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. Varnishes should be diluted as much as required. Those varnishes that long term pre-diluted can lose their homogeneity and cause out of specifications, accordingly.			
APPLICATION METHOD : Before application, the products are thoroughly mixed in the package. The surface must be free of dirt, oil, sanding dust and old paint and varnish residues. Varnishes are applied in 1-2 layers by spray, brush or roller on the surfaces already prepared with Aqua-Tech water based woodstain or sanding sealer. The brush to be used must be acrylic and long bristle, the roller should be varnish roller. The temperature of the application environment and surface should not be below 15 ° C and application should not be done on high humid surfaces. Spreading rate: 10 m ² /litre (without losses, 80-120 ml/m ²)				
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.