



TECHNICAL DATA SHEET

Dök.No: ÜRT-TDS-77
Yay.Tar.: 20.05.2014
Rev. No : REVİZYON-01
Rev.Tar. : 02.01.2020
Sayfa : 1/1

PRODUCT	EXCLUSIVE-K PU (2+1) TOPCOAT MATTE VARNISH			
PRODUCT CODE	265-XX48			
DESCRIPTION	Exclusive-K (2+1) topcoat varnish systems are solvent borne two pack polyurethane based on reaction curing finishing system which is designed for high quality appearance which has high scratch resistance, in different gloss values.			
MIXING RATIO & GLOSS VALUE **	MIXING RATIO (by weight) *	1st COMPONENT	2nd COMPONENT	Gloss, 60°
SP MATTE VARNISH	2+1	265-0548	379-2028	≤ 5
MATTE VARNISH	2+1	265-1048	379-2028	5 - 10
SPECIAL MATTE VARNISH	2+1	265-2548	379-2028	20 - 25
SILK MATTE VARNISH	2+1	265-4548	379-2028	40 - 45

** : It can be indicated as gloss value (such as 10 matte etc.) instead of definition like full or super definition, is also applicable for other grades.

APPLICATION AREAS	Exclusive-K PU (2+1) Non-scratch Matte Topcoat Varnishes are used on wooden surfaces previously primed by any of polyurethane or polyester sealers. These product results nice satine effect with a high bodied film which is also resistant to chemical and physical effects.			
PROPERTIES	Satine effect High body, high filling power gives best results even in one coat Excellent transparency, homogenous matting effect High scratch and impact resistance High resistance against to chemicals like water, juices, detergents etc.. Good sag-resistance in vertical applications Very light colored, not causes any changing in colour of the surface applied.			
TECHNICAL PROPERTIES	Viscosity (D4/20°C)	.....	40" - 60"
	Density (g/cm ³ ; 20°C)	.....	0,98±0,05
	Pot-life (hr /20°C)	.....	> 5 hr
	Dust Dry (20°C, %50 humidity)	.....	10 minutes
	Touch Dry (20°C, %50 humidity)	.....	30 - 35 minutes
	Set Dry (20°C, %50 humidity)	.....	24 hr
DILUTION RATIO	Varnishes which prepared according to mixing ratios given above are diluted by Kubilay PU thinner (921-0222) by 30% as weight. 265-XX48 1st Component 2 Part (12 kg/ pack) 379-2028 2nd Component 1 Part (6 kg/ pack) 921-0222 PU Thiner 0,9 Part (5,4 kg) *: 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 :

Preparation: 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 stirred 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.

It is applied directly by spraying on the surfaces previously primed by any of Kubilay polyurethane sealers (2X4-00XX) or polyester sealers (814-006X). The product should be prepared according to mixing ratios given above and is sprayed in one or two cross-wise layers (it should be keep in mind that drying time and gloss value depends on the film thickness applied). For further details please contact our technical staff. (it should be keep in mind that drying time and gloss value depends on the film thickness applied).

When applied in a single layer with a thickness of 30-35 microns dry film, 8-10 m² area can be covered for 1 kg mixture (except for losses), (recommend: 90-100 gr/m²)

STORAGE

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.

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.