



TECHNICAL DATA SHEET

Dök.No: ÜRT-TDS-118
Yay.Tar.: 05.03.2018
Rev. No : REVIZYON-02
Rev.Tar. :11.01.2019
Sayfa : 1/1

PRODUCT	EPOXY CLEAR INC-CASTING (2+1)		
MIXING RATIO	MIXING RATIO (by weight) *	1st COMPONENT (A)	2nd. COMPONENT (B)
	2+1	445-0001	449-0100
DESCRIPTION	Transparent solventless liquid, two component epoxy composite system which can be cast up to 2 cm thickness maximum in one shut.		
APPLICATION AREAS	In the furniture industry, it is designed to be used for filling both the surface cladding and the natural cavities and the gaps in the designed models. It can be used in 3D floors and accessories (key chain, jewelry, magnet etc.).		
PROPERTIES	Transparent and colorless High UV Resistance, no yellowing No air bubbles Can be poured up to maximum 2 cm thickness in one shut Cures above 10 ° C At 20-25 ° C, it reaches its final hardness in 24 hours		
PHSICAL PROPERTIES	Viscosity (D4/20°C)	60" - 65"	
	Density (g/cm ³ ; 20°C)	1±0,02	
MIXING PROPERTIES	Density (g/cm ³ , 20°C)	1,05±0,05
	Jel time (hour /20°C, %50 humidity)	2 -3 hours
	Curing Time (20°C, %50 humidity)	24 hours
DILUTION RATIO	Not diluted		
APPLICATION METHOD :			
<p>Preparation: 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. Make sure a homogenous mixture is obtained before application. The amount of mixture should be as much as needed, no need to prepare much more.</p> <p>Epoxy Transparent Casting INC system, prepared according to the above mentioned mixing ratio, can be applied to the pre-made casting model (free of dust and foreign matter), max. It can be poured up to 2 cm thickness. Ensure that the ambient temperature is above 10 ° C, otherwise it will not react and will not harden. The removal of air bubbles can be accelerated by superficial heating (blowtorch, etc.) if desired. When castings thicker than 2 cm are desired, the second layer can be cast after 2-3 hours at an ambient temperature of 20-25 ° C. In this way, until the desired maximum casting thickness can be continued. Once complete curing is completed, it can be taken out and removed from the mold. For surface smoothness, sanding and polishing can be carried out if necessary.</p>			
POINTS SHOULD BE TAKEN CARE;			
<p>It should not be overlooked that the desired final performance is dependent on the mixing ratio and the application temperature. Heat is released during the reaction, so it becomes hot. Do not cast more than 2 cm thick. Therefore, the amount of the mixture should be made as little as 2 cm to be poured and should be cast without losing time. Otherwise, it will cause overheating and smoke and also cracking may occur during the casting.</p> <p>If it is desired to cast more than 2 cm thick at one time, the system suitable for this purpose should be preferred.</p>			
STORAGE:			
<p>Product will remain stable for at least 12 months when stored in their original packs in a dry place at storage temperatures between 5-35 °C.</p> <p>It's recommended to read SDS before applications.</p>			

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.