PRODUCT	***AQUA-TECH WATER BASED PROTECTIVE WOOD STAIN***
PRODUCT CODE	***013 - Serie*** *(The are two sub-groups under the same serial code)*
PRODUCT GROUP	AQUA-TECH WATER BASED PROTECTIVE WOOD STAIN *(look TDS-41)* AQUA-TECH WATER BASED PROTECTIVE WOOD STAIN (DIPPING) *(look TDS-122)*
COLOR	New colores other than the standart in catalog can only be designed if consumption is too high
DESCRIPTION	Aqua-tech water based protective wood stain as well as film-forming varnish is based on acrylic dispersion to protect the wood agains to fungy, mold, sun, humidity and other atmospherical effects for both interior and exterior. The impregnation version for the purpose of coloring without film forming on the surface is the DIPPING group.
APPLICATION AREAS	All interior and exterior wooden surfaces such as, joinery, deck, door etc.. It can ve used as a colorant on the massive wooden surfaces, as well. Depending on the properties of the surface to be painted, it can be applied by brush, roller, spray or dipping. However, the product colors for dipping application are different from the conventional color codes for brush, roller and spray application.
PROPERTIES	Easy and fast appliable. Protects against cracking, decay from light Good penetrating and water repellant properties.

TECHNICAL PROPERTIES	Density (gr/cm3/20°C)	………………………	1,03 - 1,05
	Dust Dry (20°C, %50 humidity)	………………………	25 min
	Touch Dry (20°C, %50 humidity)	………………………	2 - 3 hours
	Compleate Dry (20°C, %50 humidity)	………………………	6 - 8 hours

DILUTION RATIO	During the application, depending on the application method, it is applied by diluting with 5 - 10% water for brush, spray and roller application and 300% for dipping application (only products that have the definition of "dipping" in the product name can be diluted 300%). **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 homogenious mixture is obtained before application. Varnishes should be dilutes as much as required. Those varnishes that long term pre-diluted can loose their homogenity and cause out of specifications, accordingly.

APPLICATION METHOD :

Important Note for the surfaces: The substrate must be clean and dry. New impregnated woodwork: Must be allowed to dry for 1-2 months. Any exudations of cuprous salt (green crystals) to be previously removed using a stiff brush. Rinse well with water and allow to dry. Old, impregnated woodwork: Weathered surfaces should be sanded to fresh wood.

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. On dry and dust-free wooden surfaces, which are suitably sanded, the diluted product according to the application method is applied by dipping or 1-2 layers by spray, brush or roller.

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: 12-15 m^2/liter (without waste and depending on the type, moisture and porosity of the wood material applied)

If desired, Aqua-tech Water Based Topcoat Varnish (015-series) can be applied as topcoat.

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 garantee 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.