



DECORATIVE & PROTECTIVE PAINTS
PRODUCT DATA SHEET
DR.WOOD VELLUTO POLYURETHANE EXTRA
SILK MATT VARNISH

DESCRIPTION

It is a two component, alkyd-poliurethane varnish, especially designed furnitures.

FEATURES

Due to it's chemical structure, it has flexible and rigid and high impact resistance in terms of physical properties. It also forms a chemical resistant film to protect the wood from chemicals, cleaning agents , water and soft drinks.

RECOMMENDED APPLICATION FIELDS

To be applied after polyurethane filler varnish on evry kind of indoor wooden surfaces.

CHARACTERISTICS

PAINT FILM	Colorless Half Matt-35 Gloss
BINDER TYPE	ALKYD
VISCOSITY	85-90 KU(50-60 san DIN CUP 6)
SPECIFIC GRAVITY	0,95-0,97 kg/lt
SOLID CONTENT(%By Weight)	36-38 ... A Component
SOLID CONTENT(%By Volume)	25-27...A Component
V.O.C	Max. 590 gr/L
FLASH POINT	1°C
RECOMMENDED FILM THICKNESS	
When applied as 30 -35µ dry film thickness it is possible to paint 8-10 m ² area with 1 kg of mixture. Note: Application area may differ based on application conditions.	
CLEANING METHOD OF APPLICATION TC	Cellulosic Thinner, Thinner 646
SHELF LIFE	24 months unopened original box
STORAGE TEMPERATURE	It is best suited for indoors with no direct sunlight between 5 ° C and 35 ° C.

AVERAGE DRYING TIMES

	25°C	%40-70 Relative humidity
Dust free time	10-15 min	
Touch Dry	30-40 dk	
Hard Dry	24 hours	
Pot Life	8-10 hours	

Drying times can be change on temperature, relative humidity and film thickness.

SURFACE PREPARATION

The surfaces should be cleaned from all kinds of dirt, rust, dust, mold oil, loose layers and necessary surface correction operations should be performed. DR.WOOD polyurethane varnish should be mixed with its hardener ,reduced with 646 thinner, and then applied to surfaces which prepared with cellulosic, polyurethane or polyester varnishes . Application should be 2-3 cross layers . If you leave the surface in a dust-free environment, the end result will be silky and smooth.

APPLICATION

Application Method	Airbrush
Application Viscosity	15-20 sn DIN Cup 4/25 °C
Mixing Ratio	A component Varnish (WP.243.0035) 100 units (by weight) B component Hardener (HS.245.0033) 25 units (by weight) Thinner 646 60 units (by weight)
Mixture Using Time	Max. 8 hours/ 25 ° C
Application Conditions	Min 15 ° C - Max 35 ° C
Drying Conditions	Dust Free Time 15 min / Touch Dry 30 min (25 ° C)
Wet Film Thickness	90 mikron
Application Quantities	100 +100 g/m ²
Application Surface	Poliurethane filler varnish applied MDF

APPLICATION CONDITIONS

Temperature (air, surface, Product):
15 ° C minimum, 35 ° C maximum
At least 3 ° C above dew point
Relative Humidity: 85% maximum

CERTIFICATES / APPROVALS

ADDITIONAL INFORMATION

RECOMMENDED SYSTEMS

HEALTH AND SAFETY

Read the Safety Data Sheet before use. CST reserves the right to change the technical document.
Contact our technical service department for more information.

WARRANTY

CST guarantees that this product is manufactured in accordance with the standards and without any error. In the event of a proven manufacturing defect, CST will replace the defective product or refund the fee. Under no circumstances, CST does not provide warranties.

Disclaimer

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