

**DECORATIVE & PROTECTIVE PAINTS**  
**PRODUCT DATA SHEET**  
**DR.WOOD VELLUTO POLYURETHANE**  
**EXTRA GLOSSY VARNISH**



**DESCRIPTION**

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

**FEATURES**

Due to it's polyurethane chemical structure, it has flexible, 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. It is scratch-proof, easily diffusible, preserves glossy appearance for a long time and doesn't leave roller brush marks.

**RECOMMENDED APPLICATION FIELDS**

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

**CHARACTERISTICS**

<b>PAINT FILM</b>	Colorless Glossy-90 Gloss
<b>BINDER TYPE</b>	ALKYD
<b>VISCOSITY</b>	70-75 KU ( 50 sn DIN CUP 6)
<b>SPECIFIC GRAVITY</b>	0,97-0,98 kg/lit
<b>SOLID CONTENT(%By Weight)</b>	61-63 ... A Component
<b>SOLID CONTENT(%By Volume )</b>	56-58...A Component
<b>V.O.C</b>	Max. 370 gr/L
<b>FLASH POINT</b>	21°C
<b>RECOMMENDED FILM THICKNESS</b>	

When applied as 30 -35µ dry film thickness it is possible to paint 14-16 m<sup>2</sup> area with 1 kg of mixture. Note: Application area may differ based on application conditions.

<b>CLEANING METHOD OF APPLICATION</b>	TC Cellulosic Thinner, Thinner 646
<b>SHelf LIFE</b>	24 months unopened original box
<b>STORAGE TEMPERATURE</b>	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
<b>Dust free time</b>	45 min	
<b>Touch Dry</b>	90-120 min	
<b>Hard Dry</b>	Min. 24 hours	
<b>Pot Life</b>	12 hours	

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

**SURFACE PREPARATION**

DR.WOOD Polyurethane Varnish should be mixed with its hardener as indicated and then diluted with 646 thinner. Surfaces should be prepared with cellulosic, polyurethane or polyester filler varnishes before the applying.Application should be 2-3 cross layers. If cured in a dust free environment it'll make the surface silky and smooth.

**APPLICATION**

<b>Application Method</b>	Airbrush	
<b>Application Viscosity</b>	15-20 sn DIN Cup 4/25 °C	
<b>Mixing Ratio</b>	A component Varnish ( WP.242.0090)	100 units ( by weight)
	B component Hardener (HS.245.0033)	100 units (by weight)
	Thinner 646	Adequately
<b>Mixture Using Time</b>	Max. 12 hours/ 25 ° C	
<b>Application Conditions</b>	Min 15 ° C - Max 35 ° C	
<b>Drying Conditions</b>	Dust Free Time 45 min / Touch Dry 120 min (25 ° C )	
<b>Application Quantities</b>	150-200 g/m <sup>2</sup>	
<b>Application Surface</b>	Polyurethane 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**

**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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