

PSKV-7006 POLYURETHANE CRYSTAL VARNISH



Check TDS


 Mixing Ratio
2/1


Stir before use



Keep package closed


 Store package in a
cool place.


Apply by spraying


 Pay attention
application viscosity


Sanding is required


 Pay attention to
flash-off times

 Stack dry time is
12-24 hours

PRODUCT DESCRIPTION :

It is a two-component crystal varnish developed for use on indoor furniture, providing high saturation, excellent leveling in both vertical and horizontal applications, and offering high scratch and yellowing resistance as a topcoat.

PRODUCT NOTES :

- It is applied over polyester, polyurethane, UV-curable, and acid-catalyzed filler varnishes on all types of wood and solid wood veneer surfaces.
- It does not drip or sag during vertical applications.
- It is suitable for use with a spray gun and an automatic painting machine.
- It does not wrap around the felt during buffing and polishing.

PHYSICAL PROPERTIES :

PSKV-7006 (Component 1)	Value
Viscosity(DIN6mm, 20° C)	40 – 43 sec
Solid Content (w/w)	53 – 55 %
Density (20° C)	1 – 1,02 g/ml
Gloss (60° C)	94–96 GU
Pot – Life (at 20° C)	5 – 6 sa

PPVS-1002 (Component 2)	Value
Viscosity(DIN4mm, 20° C)	18 - 20 sec
Solid Content (w/w)	22 – 23 %
Density(20° C)	0,94 – 0,96 g/ml

MIXING RATIOS :

Component	Code	By Weight
1st Component (Product)	PSKV-7006	100
2nd Component (Hardener)	PPVS-1002	100
Thinner	SL-02	5-10

DRYING TIMES :

(20 °C, %60 RH, 100µ on wet film)

Method	Duration
Dust Dry	15-20 min
Touch Dry	35-60 min
Stack Dry	12-24 hours

APPLICATION METHOD :

It is recommended to apply 1-2 coats with approximately 200 g/m² wet per coat, depending on the desired surface saturation. A minimum flash-off time of 20 minutes should be allowed between coats.

COLORING : **APPLICATION EQUIPMENT** :

It can be tinted with tinting pastes.

Can be applied with all manual and automatic spray equipment.

SURFACE PREPARATION :

Preferably applied to primed MDF surfaces. It is recommended to sand the primer with 180-220 and 360-400 grit sandpaper before application. The surface should be cleaned of sanding dust and prepared for application.

Appropriate for use with bottom/top-feed atmospheric or pressure feeding vessel spray guns as follows:

HVLP (1,4 – 1,6mm, 2,5 – 3,0bar pressure)

Airless (11 – 13#, 20 – 40bar pressure)

Air-assist (11 – 13#, 20 – 40 bar pressure)

It is suitable for use with spray guns.



SAFETY INFORMATION :

Do not apply the product without reviewing the Material Safety Data Sheet (MSDS). Personal protective equipment is required. Use solvent-resistant gloves, a half or full-face mask with an activated carbon filter, and safety goggles. The application area must be well-ventilated, free from smoking, clear of open flame sources, and equipped with explosion-proof electrical installations.

Keep away from children.

Empty packages should be collected and disposed of properly.

If medical assistance is needed, keep the product packaging, label, and MSDS readily available.

WARNING :

Temperature and relative humidity in the application place, obeying intercoat flash-off times, thinning the product with the recommended thinners and ventilation of drying areas in suitable conditions can affect the performance of the product after application. It is recommended to apply at 15 °C to 30°C temperature, 25% to 75% relative humidity. Otherwise, the specified drying times and performance may vary.

PACKAGING and TRANSPORT INFORMATION :

PSKV-7006 15kg(UN1263)

PPVS-1002 15kg (UN1263)

Transported with vehicles in accordance with ADR regulations.



STORAGE INFORMATION :

The packaging should be stored in dry, cool, and well-ventilated areas, away from sources of heat and flame. Packaging lids should be kept closed at all times.

Storage duration:

1 year in unopened packages at 5°C - 40°C..

