

PSPB-7004

POLYURETHANE HIGH GLOSS WHITE TOPCOAT



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

Developed for use on indoor furniture, it is a two-component, high gloss white topcoat with excellent flow in both vertical and horizontal applications, offering high saturation and scratch resistance.

PRODUCT NOTES

- Applied on primed MDF panels.
- Does not drip or sag during vertical applications.
- Suitable for use with spray guns and automatic painting machines.
- Covers sanding scratches very well.

PHYSICAL PROPERTIES

PSPB-7004 (Component 1)	Value
Viscosity(DIN6mm, 20° C)	32 – 42 sec
Solid Content (w/w)	67 – 69 %
Density (20° C)	1,34 – 1,36 g/ml
Gloss (60° C)	94–96 GU
Pot – Life (at 20° C)	5 – 6 sa

PPBS-1001 (Component 2)	Value
Viscosity(DIN4mm, 20° C)	18 - 20 sec
Solid Content (w/w)	33 – 34 %
Density (20° C)	0,96 – 1,00 g/ml

MIXING RATIOS

Component	Code	By Weight
1st Component (Product)	PSPB-7004	100
2nd Component (Hardener)	PPBS-1001	50
Thinner	SL-01	15-20

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

It can be tinted with tinting pastes.

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.

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.



APPLICATION EQUIPMENT

Can be applied with all manual and automatic spray equipment.

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.



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

PSPB-7004

12kg(UN1263)

PPBS-1001

6kg (UN1263)

Transported with vehicles in accordance with ADR regulations.

STORAGE INFORMATION

Packages should be stored in a dry, cool, well-ventilated place, away from sources of heat and ignition.

Packaging lids should be continuously kept closed.

Storage time: 1 Year in unopened package at 5 °C to 40 °C.