

# PUAB-3004

## POLYURETHANE UNIVERSAL PRIMER WHITE



Check TDS



Mixing Ratios:  
2/1



Stir before use



Keep package closed



Store package in a  
cool place



Applying by spraying



Pay attention  
application viscosity



Sanding is required.



Pay attention to  
flash-off times



Stack dry time is  
12-24 hours

### PRODUCT DESCRIPTION

PUAB-3004 is a two-component primer developed for use on indoor furniture, providing a fast-drying and easily sandable surface, making it an excellent base for final coat lacquer applications.

### PRODUCT NOTES

- Applied on MDF surfaces.
- Good scratch and chemical resistance.
- Good slip.
- Suitable for use with spray gun and automatic spray equipment.

### PHYSICAL PROPERTIES

PUAB-3004 (1st Component)	Value
Viscosity(KU, 20° C)	120 – 125 sec
Solid Content (w/w)	77 – 78 %
Density (20° C)	1,55 – 1,59 g/ml
Pot – Life (at 20 C)	4 - 5 hours

PAS-1005 (2nd Component)	Value
Viscosity(DIN4mm, 20° C)	15 - 17 sec
Solid Content(w/w)	32 – 33 %
Density (20° C)	0,98 – 1,00 g/ml

### MIXING RATIOS

Component	Code	By weight
1st Component (product)	PUAB-3004	100
2nd Component (hardener)	PAS-1005	33
Thinner*	SL-01	20-25

### DRYING TIMES

\* (20° C, %60 RH, 100µ on wet film)

Method	Duration
Dust Dry	10-15 min
Touch Dry	25-30 min
Stack Dry	12-24 hours

### APPLICATION METHOD

It is recommended to apply 2-3 coats with approximately 100 g/m<sup>2</sup> wet application per coat, depending on the desired surface saturation. A minimum flash-off time of 30 minutes (at 20°C) should be allowed between coats, and a light sanding is recommended between each coat. After full curing, it can be sanded with orbital, vibratory, or precision sanding machines.

## SURFACE PREPARATION

Applied on MDF surfaces. Recommended to clean wood fibers on the raw surface with 180-220 grit sandpaper and to completely remove any glue, oil, or dust if present.

## 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 explosionproof 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 (1,6 – 1,8mm, 2,5 – 3,0bar pressure)  
Airless (13 – 15#, 20 – 40bar pressure)  
Air-assist (13 – 15#, 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

PUAB-3004 18kg(UN1263)  
PAS-1005 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.