

VPU-403-0

Item No.: VPU-403-0 Low Odor & Ultra Flat PU Paper Varnish

Introduction & Application:

Suitable for both roller and spray application. It features low odor, excellent flexibility. Provides strong adhesion, good water resistance, and an extra-long pot life.

It is suitable for use as a protective overprint coating for paper substrates.

Features:

- Excellent leveling for spray and roller coating
- Low odor and eco-friendly with a smooth, silky hand feel
- Excellent flexibility
- Strong adhesion
- Good water resistance
- Extended pot life (can still be used the next day)

Physical Data:

Item	Data
Appearance	Clear, semi-transparent, viscous liquid
Solid Content	37 ± 2%
Gloss	5 ± 3°
Viscosity (30°C)	1.000 ± 500 mPa.s
Mixing Ratio	Paint : Hardener (VPU-G5) : Thinner (VPU-X2) = 1 : 0.3 : 0.6 – 0.8

Application Data:

Application Method	Spraying, Roller coating
Thinner	VPU-X2
Application Viscosity	10–18 seconds (Iwata Cup #2)
Application Conditions	10–35 °C
Recommended Thickness	1.5 cross-coats

Application:

Mixing: Add the hardener directly into the base paint and stir thoroughly, then add thinner to adjust to the required application viscosity.

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Cleaning:

Clean spray guns and tools immediately after use with thinner to prevent dry paint buildup.
Dispose of waste liquid according to local regulations.

Safety Information:

This product is for industrial use only and must be applied by trained personnel or under proper technical guidance. The following measures must be followed:

- Wear protective gear: gloves, respirators, goggles, and workwear.
- Skin Contact: In case of skin contact, wash thoroughly with plenty of water and soap.
- Eye Contact: In case of eye contact, rinse immediately with plenty of water and seek medical attention promptly.
- Working environment: Ensure adequate ventilation in the working area. Do not inhale paint dust or paint vapors under any circumstances.

Packaging:

- 18kg

Storage:

Storage temperature 5~35°C

Shelf Life 12 months in a cool, dry place; keep away from heat and fire sources.

Disclaimer:

The information provided in this document represents the most complete and accurate data currently available to our company. As the conditions of product use are beyond the control of the manufacturer, this information does not constitute any warranty and is intended solely as a guide for product selection.

Due to changes in company policy and continuous product development, all information contained herein is subject to final confirmation by our company.

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