

VPU-405-X

Item No.: VPU-405-X Ultra Low Odor Matt Clear PU Topcoat

Introduction & Application:

Formulated with specialized materials, this product becomes virtually odorless 24 hours after application. It delivers a smooth, silky feel with rapid hardness development, superior scratch resistance, and high transparency. Featuring excellent leveling and an exceptional pot life (usable even after overnight storage), it is ideal for premium wood products and furniture.

Features:

- Ultra low odor (virtually odorless 24 hours)
- Rapid hardness development (sandable and recoatable within 2-3 hours)
- High transparency
- Superior surface feel (fine, smooth, and silky film texture)
- Outstanding application performance (mixture remains usable overnight)
- Excellent scratch resistance and fast fingerprint fading

Physical Data:

| Item | Data |
|------------------|---|
| Appearance | Slightly yellowish, viscous semi-transparent liquid |
| Solid Content | 50 ± 2% |
| Gloss | X × 10 ± 5 |
| Viscosity (30°C) | 1.000 ± 300 mPa.s |
| Mixing Ratio | Paint : Hardener (VPU-G2) : Thinner = 1 : 0.5 : 0.5 – 0.8 |

Application Data:

| | |
|------------------------|------------------------------|
| Application Method | Spray |
| Thinner | VPU-X1 |
| Application Viscosity | 10–14 seconds (Iwata Cup #2) |
| Application Conditions | 10–35 °C |
| Recommended Thickness | 2 cross-coats |

Application:

1. **Mixing:** Add the hardener directly into the base paint and stir thoroughly, then add thinner to adjust to the required application viscosity.
2. **Surface Prep:** Prior to topcoat application, ensure the primer surface is sanded smooth, using 400-600# sandpaper.
3. **Pot Life:** The mixture must be used within 8 hours.

CRF WOOD INDUSTRIAL PAINT CO., LTD

Lots 3, 4, 9 & 10, Block B3, D3 Street, KSB Industrial Park – Area A,
Bac Tan Uyen Commune, Ho Chi Minh City, Vietnam

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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:

- 20kg

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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