

K-164NP Under Product Manual

(Heat-drying undercoat)

Applicable material: ABS
 Main application: Decorative goods
 Features: Adhesive, weak solvent
 Resin-based: Oil-based resin



Painting specifications

| Item | | Evaluation criteria | | |
|----------------------------|--------------------------|--|-------|---|
| Coating method | | Spray painting with undiluted solution | | |
| Recommended film thickness | | 12 ± 5 μm | | |
| Viscosity | | 13.0 seconds (at 20 °C IWATAcupNK-2) ± 2 seconds | | |
| Proper thinner | | U-200 | 5-10% | Thinner / Improved workability / Weak solvent |
| | | UL-200 | 5-10% | Improved leveling |
| | | Thinner drying property: Early drying U-200 > UL-200 Late drying | | |
| Drying conditions | Setting | 1 to 5 minutes | | |
| | Drying temperature, time | 75°C x 60 minutes | | |

Film performance

◇ Conditions for making test pieces

After painting K-164NP, it was dried at 75°C for 60 minutes, aluminum was vapor-deposited, and top coat was painted and cured.

Top coat used UT-210N (heat drying type).

| Test items | Test condition | Material | Exterior | Adhesion |
|---------------------|---|----------|----------|----------|
| Initial | Appearance: Visual evaluation Adhesion: Cellophane tape test | ABS | Good | 100/100 |
| Moisture resistance | After 40 °C 95% RH x 72h Appearance after moisture resistance test: Visual evaluation Adhesion after moisture resistance test: Cellophane tape test | ABS | Good | 100/100 |

* The above test results are the results of our testing machine and do not guarantee the coating film performance during use.

* Performance varies depending on the top coat used, so please inquire about the top coat before use.

* Cellophane tape: Evaluated using Nichiban (width 24 mm).

* Caution: Soaked waste cloth, paint residue, and spray dust may cause spontaneous combustion if accumulated. Be sure to incinerate or put it in a container with water for disposal.

* Expiration date: 12 months from the date of manufacture (stored at 40 °C or less)

* Package: 15kg (For export, please contact us)

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