

Technical Data Sheet

Orbit Gloss Top-Coat Nitrocellulose Paint

OBT-31100

Product Information

High quality quick-drying multipurpose solvent based paint. It is characterized by superior leveling properties, and ideal protection for wood or metal surfaces .

Description: A paint based on nitrocellulose solution, specially modified alkyd resins and suitable pigments .

Features:

- Weathering Resistance
- Scratch Resistance
- UV resistance
- Long term color retention
- High glossiness finish

Product Characteristics

Composition: one-component liquid paint .

Properties:

- Solvent base
- Nitrocellulose
- Fast drying
- High solids
- High viscous
- High adhesion strength

Application Information

Versatility:

- Top coat
- Protective

Intended Use: Ideal for use on furniture, doors, cabinets, automobile, and other wood or metal surfaces .

Functionality: Provides a high-gloss, durable finish with excellent adhesion strength and weather resistance .

Application Methods: Can be applied using a brush, roller, or spray gun .

Thinning Recommendation:

Thinner: JCR-81100 Jacor Thinner GP Acrylic Lacquer

Thinning Ratio: Depends on the method of application, typically 15-30%

Preparations: Surface should be clean, dry, and free from dust, grease, and loose material. Primer may be required for certain surfaces .

Instructions:

1. Stir well before use .
2. Apply 2-3 coats with adequate drying time in between .
3. Ensure good ventilation during application and drying .

Tips: Test the paint on a small, inconspicuous area first to ensure the desired color and finish is achieved. Clean all tools and equipment immediately after use with the same thinner .

Storage and Safety

Storage Condition: Store in a cool, dry place away from heat sources and open flames .

Shelf Life: Typically 24 months if unopened and stored correctly .

Special Precautions: Use appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Use in a well-ventilated area .

Health and Safety: In case of insufficient ventilation during application, wear suitable respiratory equipment. Do not inhale the vapor / spray. In case of contact with eyes, rinse immediately with plenty of fresh water and seek medical assistance .

Technical Specifications

- **Finish:** Smooth Gloss (Min : 80 at 60° angle)
- **Density:** $1.10 \pm 0.05 \text{ g/cm}^3$
- **Solid Content by Volume:** $40 \pm 5\%$
- **DFT:** $30 \pm 10 \text{ microns}$
- **WFT:** $80 \pm 10 \text{ microns}$
- **Surface dry:** 15 minutes at 25°C
- **Hard dry:** 2 hours at 25°C
- **Full hardness:** 48 hours
- **Theoretical Coverage:** $10 \pm 1 \text{ m}^2/\text{liter}$

Attributes and Variants

Color Variants: Industrial Coating Color Cards (List No. IX010)

Size Variants: Volume in Liters (15 Liters, 3 Liters)