

CUV-1000 UV TOP COAT CLEAR



This is a top coat UV-curable paint for plywood that consists of light hardening oligomer, photoinitiator, reactive acrylic monomer, and additives. It features outstanding adhesiveness, scratch resistance, and chemical resistance.

Usage

UV-curable paint for plywood top coat

Specification

Paint type	UV-curable paint		
Product features	1. It features outstanding exterior look as a top coat UV-curable paint. 2. Outstanding scratch resistance. 3. Outstanding chemical resistance. 4. Excellent adhesion.		
Exterior	Milky liquid	Viscosity (KU/25 °C)	71 - 75
Specific gravity (25 °C)	1.13 ± 0.02	Solid content	Over 84 %
Coverage (g/m ²)	10 - 20	UV curing conditions (mJ/cm ²)	500 - 600
Color	Transparent	Gloss	15 - 25 (60 °)
Thinner	UV thinner for plywood	Shelf life	6 months

How to Use

Surface treatment	1) Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2) Use air shower or air ionizer to remove dust and static if necessary. 3) Residual contaminants may result in poor appearance and adhesion after application.
Coating Method	1) Paint with a roll coater or a gravure coater. 2) Film thickness and gloss may differ depending on working conditions (roll speed, working temperature). 3) Keep away flammable materials during painting. Keep the area fully ventilated in order to prevent suffocation. <Drying Method> 1. Pass through UV lamp to cure. Above 500 mJ/cm ² UV dose is recommended. 2. Cure results and gloss might vary depending on light intensity at the working surface. <Handling Precautions> 1. Contents include organic solvents and can cause health problems. Wear safety glasses, coveralls, masks and latex gloves when mixing and applying. 2. Do not ingest or inhale the product and avoid skin contact. If on skin or eye, wash thoroughly with running water and get a medical treatment. 3. Please do not apply paint above 85% Rh because it may influence physical properties. Store in a cool, dry dark place under room temperature(5°C - 35°C). Keep container tightly closed and store upright. 4. Avoid direct sunlight, UV light, fluorescent and incandescent light during delivery, storage and handling because they may deteriorate contents. 5. If coats are too thick, curing problem, poor adhesion and cracks may occur. Insufficient curing may cause whitening. 6. Please refer to the MSDS for further details. 7. Please contact technical department and be well informed of careful handling and precautions before use.

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