

UVICHEM 420



UVICHEM 420 is a UV-curing paint for tiles that mainly consists of UV-curing oligomer and monomer. It features outstanding adhesiveness, scratch resistance, crack resistance, and contamination resistance.

Usage

UV-curable paint for PVC tiles

Specification

Paint type	UV-curable paint		
Product features	<ol style="list-style-type: none">1. UV-curing coating agent featuring low yellowing effect2. After curing, it offers outstanding elasticity due to its flexible film as well as superior scratch resistance.3. Eco-friendly paint featuring outstanding adhesiveness for PVC surfaces4. This high rigidity paint features outstanding wear resistance and exterior look.		
Exterior	Semi-transparent liquid	UV-curing conditions	700 - 800 mJ/cm ²
Specific gravity (25 °C)	1.18 ± 0.05	Viscosity (PO/30 °C)	1000 - 1400
Coverage (g/m ²)	20 - 25	Solid content (%)	Above 99
Color	Transparent	Shelf life	12 months
Mixing ratio	One-component	Thinner	No dilution

How to Use

Surface treatment	<ol style="list-style-type: none">1. Substrate processing Completely remove oil, moisture, sand, dust and foreign substances from the surface. Remove dust and static electricity using an air shower and an ionizer if necessary. Residual contaminants may result in defective film exterior and adhesion.
Coating Method	<p>Coating method Paint using a roll coater or gravure coater. There may be deviations in the application amount and gloss depending on working conditions (roll speed, work site temperature). Avoid flammables during and after painting and perform sufficient ventilation.</p> <p>Drying method Dry it by passing it through a UV lamp. 700 mJ/cm² or above recommended. There may be deviations in drying and gloss depending on the light intensity of a UV lamp.</p>

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.