

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 <p>Completely remove oil, moisture, sand, dust and foreign substances from the surface.</p> <p>Remove dust and static electricity using an air shower and an ionizer if necessary.</p> <p>Residual contaminants may result in defective film exterior and adhesion.</p>
Coating Method	<p>Coating method</p> <p>Paint using a roll coater or gravure coater.</p> <p>There may be deviations in the application amount and gloss depending on working conditions (roll speed, work site temperature).</p> <p>Avoid flammables during and after painting and perform sufficient ventilation.</p> <p>Drying method</p> <p>Dry it by passing it through a UV lamp. 700 mJ/cm² or above recommended.</p> <p>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.