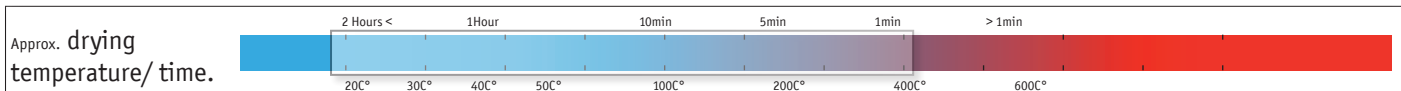
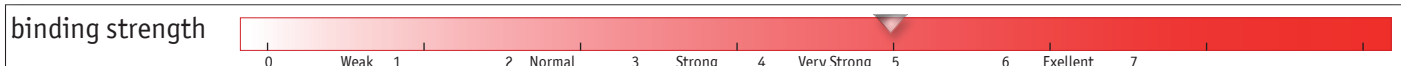




Anti Reflectiv transparent Nano photocatalyst for self-cleaning glass and solar panels

| Substrate Applicability: | Feature & Performance: |
|--------------------------|---------------------------|
| Stone | Water purification |
| Tile | Odor Elimination |
| Glass | Super-hydrophilic |
| Poly Silicon Iron Glass | Anti-moss |
| Metall | Air purification |
| FTO Glass | Antimicrobial |
| *Fabric | Self-cleaning |
| *Wood | * Primer might be needed. |



Special properties:

- water-based nano TiO₂ sol
- improved wetting feature for plastic and polymer coating
- self-cleaning application
- room temperature to 600C° drying

Example of application:

- Photocatalytic and Transmittance enhancer for Solar cell glass
- Excellent transmittion on the Poly Silicon Iron Glass & FTO Glass
- Specially higher pencil hardness above 7H
- high efficient Visible Light PCO coating for Selfcleaning on Greenhouses
- Excellent antireflect coating for glass and metal

Usage instructions:

- recommend HVLP air mix pressure spraying
- Spinning coating
- dipping for fabric & irregular items

Dosage instruction:

- refer to relevant coverage data sheet or product manual
25-40ml/m²

Transport Information

No Transport danger for Air, See, Highway and Rail, transportation of dangerous goods

Storage stability:

12 months in closed container under 5-45C°, dark condition.
Protect Soll in opened container from Oxygen.

Avoid freezing! storind above 5C°

Technical Information:

| | |
|-------------------------------|------------------------------|
| Chemical description: | nano titanium dioxide sol |
| • appearance: | Yellowish transparent liquid |
| Active matter content: | |
| • TiO₂ | 0,6% – 0,8% |
| • Water content: | 99% ± 1% |
| • Alcohol content: | 0% |

Specification:

| | |
|---------------------------------|-------------------------|
| • PH Value: | PH 7,5 - 10,0 |
| • primary particle size: | < 8 nm |
| • crystal structure: | TiO ₂ Anatas |
| • agglomeration index: | 2 - 4 |
| • density: | 1.0075-1.01 g/ml |
| • Viscosity: | 1.0050 mPa.s |
| • binding strength: | Very Strong (level 5) |

• Drying time at 25C°

| | |
|----------------------|------------|
| Primary drying time: | 30 minutes |
| Final setting time: | 30 days |

Registration status:

respectively its ingredients are listed in following chemical inventories:
CAS, EINECS, TSCA, AICS, CEPA, MITI

Package:

10 L, 25 L, Plastic / Polymer barrel with carton
30 L, 100 L, 200 L Plastic / Polymer barrel

* refer to relevant (MSDS) Material Safety Data Sheet