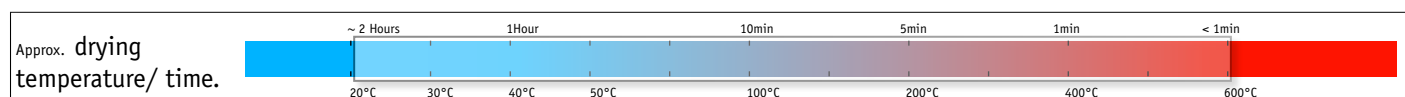
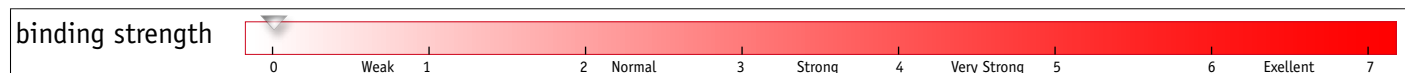


### UV Reactiv Nano TiO2 Sol General Coating Agent

Substrate Applicability:	Feature & Performance:
Stone ★★★★★	Water purification ★★★★★
Tile ★★★★★	Odor Elimination ★★★★★
Glass ★★★★★	Super-hydrophilic ★★★★★
Plastic/ Polymer ★★★★★	Anti-moss ★★★★★
Metal ★★★★★	Air purification ★★★★★
*Paint ★★★★★	Antimicrobial ★★★★★
*Fabric ★★★★★	Self-cleaning ★★★★★
*Wood ★★★★★	* Primer might be needed.



<b>Special properties:</b> <ul style="list-style-type: none"> <li>• water-based nano TiO2 sol</li> <li>• low cost (economical choice)</li> <li>• no additive, surfactant and binder, suitable for re-processing</li> </ul>	<b>Technical Information:</b> <p><b>Chemical description:</b> nano titanium dioxide sol</p> <p><b>• appearance:</b> Bluish White transparent liquid</p> <p><b>Active matter content:</b></p> <p><b>TiO2</b> 0.75% - 1,0%</p> <p><b>• Water content:</b> 99% ± 1%</p> <p><b>• Alcohol content:</b> 0%</p>
<b>Example of application:</b> <ul style="list-style-type: none"> <li>• economical exterior UV/PCO coating for atmosphere purification</li> <li>• UV/PCO filter &amp; part coating (especial for deodorization)</li> <li>• raw material or additive for other commercial PCO product</li> </ul>	<b>Specification:</b> <p><b>• PH Value:</b> PH 8 - 10</p> <p><b>• primary particle size:</b> &lt; 8 nm</p> <p><b>• crystal structure:</b> TiO2 Anatasee</p> <p><b>• agglomeration index:</b> 2-4 %</p> <p><b>• density:</b> 1.0075-1.01 g/ml</p> <p><b>• Viscosity:</b> 1.0050 mPa.s</p> <p><b>• binding strength:</b> very weak (level 0)</p>
<b>Usage instructions:</b> <ul style="list-style-type: none"> <li>• recommend air mix pressure spraying (HVLP)</li> <li>• brush for rough surface</li> <li>• dipping for irregular surface</li> </ul> <p><b>Dosage instruction:</b></p> <ul style="list-style-type: none"> <li>• refer to relevant coverage data sheet or product manual</li> <li>60-100 ml/m<sup>2</sup>. for marble &amp; stone, 30-50ml/m<sup>2</sup>. for tile</li> </ul>	<p><b>• Drying time at 25°C</b></p> <p>Primary drying time: 30 minutes</p> <p>Final setting time: 30 days</p>
<b>Transport Information</b> No Transport danger for Air, Sea, Highway and Rail, transportation of dangerous goods	<b>Registration status:</b> The ingredients are listed in the following chemical inventories: CAS, EINECS, TSCA, AICS, CEPA, MITI
<b>Storage stability:</b> 12 months in closed container 5-45°C, dark condition. Protect solution in opened container from Oxygen. <b>Avoid freezing!</b> storind above 5°C	<b>Package:</b> 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