

# Technical data sheet: TRIOXOL WB PU TC

## General

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| <b>Description</b>     | Water based 2-component polyurethane-acrylic clearcoat  |
| <b>Properties</b>      | <ul style="list-style-type: none"> <li>• Semi-gloss</li> <li>• Non yellowing &amp; UV-resistant</li> <li>• Excellent gloss retention</li> <li>• Contains active ingredients to improve dirt pick-up resistance</li> <li>• Scratch resistant &amp; easy to clean</li> <li>• Fast drying</li> <li>• Resistant against rubber marking of fork lifts</li> <li>• Excellent adhesion on epoxy floor paints</li> <li>• Excellent solvent resistance</li> </ul> |
| <b>Application use</b> | <ul style="list-style-type: none"> <li>• 1-layer finishing coat on epoxy floor paints</li> </ul>  |

## Technical data

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| <b>Viscosity</b>                | Low viscous base + hardener.   |
| <b>Colors</b>                   | transparent  |
| <b>Density</b>                  | 1,10+-0,05 g/cm <sup>3</sup> at 20 °C  |
| <b>Solids content</b>           | Base : ~34%<br>Hardener: ~92%<br>Mixed product : ~46% by weight  |
| <b>Aspect</b>                   | Semi-gloss : ~45-60 GU on a smooth surface (at 60° angle)  |
| <b>VOC-content</b>              | Base : ~60g/L Hardener<br>Hardener : <10 g/L<br>Mixed : ~50 g/L (EU Directive 2004/42/EC : limit value 140g/L) |
| <b>Potlife (20°C)</b>           | >2h  |
| <b>Drying times (120µ) 20°C</b> | Dust free : ~30'<br>Dry to touch : ~1h<br>Passenger traffic : 4h<br>Light traffic : 16h<br>Heavy traffic: 3d   |
| <b>Flash point</b>              | Comp.A : not applicable<br>Comp.B : >100°C   |
| <b>Volume solids</b>            | Mixed product at spray viscosity : ~44%  |

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| <b>Layer thickness</b> | 8m <sup>2</sup> /L = 125 wet = ~55μ dry<br>10m <sup>2</sup> /L = 100μ wet = ~45μ dry |
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## Application information

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| <b>Application tools</b>        | <ul style="list-style-type: none"> <li>• With roller or airless (nozzle 015)</li> <li>• Mixed product is ready to use but can be diluted with a few % water if necessary</li> <li>• Can be applied on epoxy paint once the epoxy paint can be walked upon</li> </ul> |
| <b>Surface preparation</b>      | <ul style="list-style-type: none"> <li>• Dedust and degrease properly</li> </ul>   |
| <b>Mixing conditions</b>        | <ul style="list-style-type: none"> <li>• Stir up base with an electrical mixer in order to get an homogeneous mixture</li> <li>• Add under mixing the hardener to the base for ~2 minutes</li> <li>• Allow to deaerate for 5 minutes before spraying</li> </ul>      |
| <b>Consumption</b>              | 8-10m <sup>2</sup> /L  |
| <b>Temperature/ Humidity</b>    | Apply between 10°- 25°C.<br>Humidity : max. 80%  |
| <b>Equipment cleaning</b>       | Water<br>When airless equipment is not used for a longer time or when switching from solvent based to water based flush with alcohol i.e. isopropylalcohol (IPA)   |
| <b>Health &amp; Safety info</b> | <ul style="list-style-type: none"> <li>• Always work in an ventilated environment</li> <li>• Consult Health &amp; Safety data sheets before use</li> </ul>   |

## Delivery conditions

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| <b>Packaging</b>         | <ul style="list-style-type: none"> <li>• 12,5L Trioxol WB PU TC base + 2,5L Trioxol WB PU TC hardener</li> </ul> |
| <b>Storage stability</b> | Max. 12 months in an unopened packaging, protected against extreme weather conditions.                           |