

Technical data sheet: TRIOXOL WB PU TC

General

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

Technical data

Viscosity	Low viscous base + hardener.
Colors	transparant
Density	1,10+-0,05 g/cm ³ at 20 °C
Solids content	Base : ~34% Hardener: ~92% Mixed product : ~46% by weight
Aspect	Semi-gloss : ~45-60 GU on a smooth surface (at 60° angle)
VOC-content	Base : ~60g/L Hardener Hardener : <10 g/L Mixed : ~50 g/L (EU Directive 2004/42/EC : limit value 140g/L)
Potlife (20°C)	>2h
Drying times (120µ) 20°C	Dust free : ~30' Dry to touch : ~1h Passenger traffic : 4h Light traffic : 16h Heavy traffic: 3d
Flash point	Comp.A : not applicable Comp.B : >100°C
Volume solids	Mixed product at spray viscosity : ~44%
Layer thickness	8m ² /L = 125 wet = ~55µ dry 10m ² /L = 100µ wet = ~45µ dry

Application information

Application tools	<ul style="list-style-type: none"> • With roller or airless (nozzle 015) • Mixed product is ready to use but can be diluted with a few % water if necessary • Can be applied on epoxy paint once the epoxy paint can be walked upon
Surface preparation	<ul style="list-style-type: none"> • Dedust and degrease properly
Mixing conditions	<ul style="list-style-type: none"> • Stir up base with an electrical mixer in order to get an homogeneous mixture • Add under mixing the hardener to the base for ~2 minutes • Allow to deaerate for 5 minutes before spraying
Consumption	8-10m ² /L
Temperature/ Humidity	Apply between 10°- 25°C. Humidity : max. 80%
Equipment cleaning	Water 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)
Health & Safety info	<ul style="list-style-type: none"> • Always work in an ventilated environment • Consult Health & Safety data sheets before use

Delivery conditions

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