

Technical data sheet: TRIOXOL VV-EP

General

Description	2-component solvent based epoxy paint on basis of a modified epoxy resin in combination with a polyaminoamide hardener
Properties	<ul style="list-style-type: none"> • Impact resistant • Excellent adhesion on concrete and different substrates (i.e. metal) • Very good chemical resistance • Resistant to oils and fats • Good recoatability with 1 and 2-component paints Limited resistance to direct sun light – For exterior applications to be recoated with the 2- component PU paint TRIOXOL VV-PU
Application use	<ul style="list-style-type: none"> • Floor paint/markings

Technical data

Viscosity	Light thixotropic paint
Colors	White, yellow + various RAL colors
Density	1,2+-0,2 g/cm ³ at 20 °C depending on color
Solid content	~70% (white + pastel shades)
Aspect	Semi-gloss
VOC-content	~400g/L (EU-limit value 500g/L)
Potlife (20°C)	~6h
Drying times (20°C,150µ)	Dust free : 1h30' Thumb dry : 6h Light traffic : 24h Heavy traffic : 2-3d Through cure : ~1w
Flash point	Trioxol VV- EP : >21°C Lipapox H : < 21°C
Volume solids	~55%
Layer thickness	4m ² /L = 250µ wet ==~135µ dry

Application information

Application	With brush, roller or airless (nozzle 015-018)
Substrate preparation	<ul style="list-style-type: none"> • The substrate has to be clean, dry (25N/mm² and cohesive strength >1,5N/mm²) • Curing compounds on poly concrete or laitance on fresh or non-porous concrete have to be removed by sand or grit blasting • For optimal adhesion impregnate non-coated concrete with Lipapox Primer on
Mixing conditions	<ul style="list-style-type: none"> • Add Lipapox H hardener to Trioxol VV-EP base and mix well (obligatory with mechanical mixer for large packaging size) • After mixing dilute if needed with max. 5% Lipasolv EP100 • Do not use any more after the potlife
Consumption	~4 m ² /L
Temperature/ humidity	Apply preferably between 5°- 20°C. Humidity : max. 90%
Equipment cleaning	Lipasolv EP100 , Lipasolv V400AV
Health & Safety info	<ul style="list-style-type: none"> • Although Trioxol VV-EP is non-toxic, wearing protective clothing is to be recommended , inclusive hand gloves and eye protection • Avoid/limit breathing of solvents • Always work in an ventilated environment • Keep away from electrical sparks • Consult Health & Safety data sheets before use

Delivery conditions

Packaging	16L Trioxol VV-EP + 4L Lipapox H 3,2L Trioxol VV-EP + 0,8L Lipapox H.
Storage stability	Max. 24 months in an unopened packaging kept away from extreme weather conditions