

Technical data sheet: LIPAPOX PRIM

General

Description	2-component solvent based impregnative epoxy primer on basis of a modified epoxy resin in combination with a polyamine/ phenalkamine hardener
Properties	<ul style="list-style-type: none"> • Colorless • Low viscosity • Excellent impregnation and adhesion on absorbing cementitious substrates ; adheres well also on steel • Fast drying & curing • Recoatable at 20°C after ~30' with MMA paints and after ~2h with epoxy paints • Applicable as well at low (0°C-5°C) as at higher temperatures (30-35°C)
Application Use	<ul style="list-style-type: none"> • Impregnation layer under epoxy- and MMA paints on concrete

Technical data

Viscosity	Thin liquid
Colors	Colorless
Density	~0,95 g/cm ³ at 20 °C depending on color
Solid content	~30% (mixed product)
Aspect	Gloss
VOC-content	<700g/L
Potlife (20°C)	~6h
Drying times (20°C,150µ)	Dust free : 30' Thumb dry : 2h Through cure: ~1week
Flash point	<21°C
Volume solids	~30% (mixed product)
Layer thickness	5m ² /L = 200µ wet = ~60µ dry 10m ² /L = 100µ wet = ~30µ dry

Application information

Applicatie	With brush, roller or airless (nozzle 013-018)
Substrate preparation	<ul style="list-style-type: none"> The substrate has to be clean, dry (<5% humidity) and free from rising damp; additionally the cohesion must be sufficiently high (compressive strength >25N/mm² and cohesive strength >1,5N/mm²) Curing compounds on poly concrete and laitance on fresh or non-porous concrete have to be removed by sand or grit blasting
Mixing conditions	Add Lipapox Prim hardener to Lipapox Prim base and mix well Do not use any more after the potlife
Consumption	5-7 m ² /L per layer as impregnation layer under epoxy 10-12m ² /L per layer as impregnation layer under MMA
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 Lipapox Prim 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	<ul style="list-style-type: none"> 18L Lipapox Prim base + 2L Lipapox Prim hardener Other packaging sizes on request
Storage stability	Maximum 24 months in an unopened packaging kept away from extreme weather conditions