

# Technical data sheet: LIPAPOX PRIM

## General

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

## Technical data

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

## Application information

<b>Applicatie</b>	With brush, roller or airless (nozzle 013-018)
<b>Substrate preparation</b>	<ul style="list-style-type: none"> <li>The substrate has to be clean, dry (&lt;5% humidity) and free from rising damp; additionally the cohesion must be sufficiently high (compressive strength &gt;25N/mm<sup>2</sup> and cohesive strength &gt;1,5N/mm<sup>2</sup>)</li> <li>Curing compounds on poly concrete and laitance on fresh or non-porous concrete have to be removed by sand or grit blasting</li> </ul>
<b>Mixing conditions</b>	Add Lipapox Prim hardener to Lipapox Prim base and mix well Do not use any more after the potlife
<b>Consumption</b>	5-7 m <sup>2</sup> /L per layer as impregnation layer under epoxy 10-12m <sup>2</sup> /L per layer as impregnation layer under MMA
<b>Temperature/ humidity</b>	Apply preferably between 5°- 20°C. Humidity : max. 90%
<b>Equipment cleaning</b>	Lipasolv EP100 , Lipasolv V400AV
<b>Health &amp; Safety info</b>	<ul style="list-style-type: none"> <li>Although Lipapox Prim is non-toxic, wearing protective clothing is to be recommended , inclusive hand gloves and eye protection</li> <li>Avoid/limit breathing of solvents</li> <li>Always work in an ventilated environment</li> <li>Keep away from electrical sparks</li> <li>Consult Health &amp; Safety data sheets before use</li> </ul>

## Delivery conditions

<b>Packaging</b>	<ul style="list-style-type: none"> <li>18L Lipapox Prim base + 2L Lipapox Prim hardener Other packaging sizes on request</li> </ul>
<b>Storage stability</b>	Maximum 24 months in an unopened packaging kept away from extreme weather conditions