

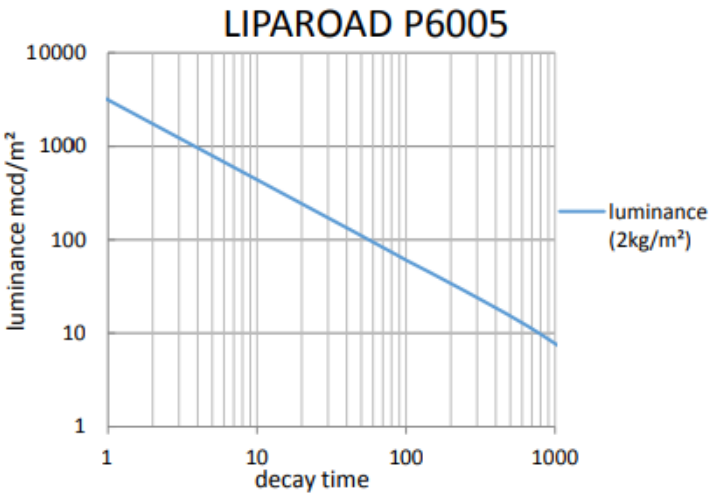
# Technical data sheet: LIPAROAD P6005 PHOSPHO

## General

<b>Description</b>	2-component "glow in the dark" cold curing solvent free coating based on MMA resins for hand applied road marking applications
<b>Properties</b>	<ul style="list-style-type: none"> <li>• Easy application</li> <li>• Phosphorescent ("glow in the dark") effect during the whole night</li> <li>• Fast phosphorescent charging behavior when exposed to natural light</li> <li>• Good anti-skid resistance</li> <li>• Good color retention due to extra UV-protection</li> <li>• Very good resistance to chemical pollution</li> <li>• Also applicable on vertical substrates</li> <li>• Does not need direct sun exposure to be charged</li> <li>• Permissible traffic exposure :             <ul style="list-style-type: none"> <li>o After ca. 35' at 20°C</li> <li>o After ca. 60-70" at 5°C</li> </ul> </li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Road marking exterior</li> </ul>

## Technical data

<b>Viscosity</b>	Thick fluid consistency	
<b>Color</b>	Light green	
<b>Density</b>	ca. 1,4 g/cm <sup>3</sup> at 20 °C	
<b>Appearance</b>	matt	
<b>Potlife (20°)</b>	~12' at 20°C	
<b>Glow in the dark Subcategory – DIN 67510 Part 4</b>	<u>Subcategory E (highest level)</u>  2 min : >2200 mcd / m <sup>2</sup> 10 min : >520 mcd / m <sup>2</sup> 30 min : >170 mcd / m <sup>2</sup> 60min. : >70 mcd / m <sup>2</sup>	<u>Liparoad P6005 (2 kg/m<sup>2</sup>)</u>  value : 3410 mcd / m <sup>2</sup> value : 780 mcd / m <sup>2</sup> value : 232 mcd / m <sup>2</sup> value : 101 mcd / m <sup>2</sup>

<p><b>Luminance</b> (DIN 67510 Part 4)</p>	 <p>Remark : complete extention at luminance 0,3 mcd / m<sup>2</sup></p>
<p><b>Skid resistance</b></p>	<p>&gt;=45 SRT</p>
<p><b>Sag resistance</b></p>	<p>No sagging up to 1mm thickness on vertical substrates</p>
<p><b>Flash point</b></p>	<p>~11°C</p>
<p><b>Mix ratio</b></p>	<p>Base : 6kg Phospho pigment : 3kg Dibenzoyl peroxide powder : 100g</p>

## Application information

<p><b>Application</b></p>	<ul style="list-style-type: none"> <li>• Add PHOSPO pigment to the base and mix mechanically for a few minutes until a homogeneous mass.</li> <li>• Mix the peroxide homogeneously into the mass.</li> <li>• Pour the mass in a mold or the to be applied symbol and distribute homogeneously with drop-box , scraper or trowel Level with roller if necessary.</li> <li>• For vertical application apply by roller (short haired)</li> </ul>
<p><b>Substrate preparation</b></p>	<p>It is obligatory to apply Liparoad P6005 PHOSPHO on a <b>white</b> primer coat by preference Liparoad P6002 white. Other suitable primer coats are epoxy based white coatings</p>
<p><b>Consumption (horizontal)</b></p>	<p>1,4-2,1 kg/m<sup>2</sup> = 1,0-1,5 mm</p>
<p><b>Temperature/Humidity</b></p>	<p>Preferably apply between 10°C and 25°C</p>
<p><b>Equipment cleaning</b></p>	<p>Lipasolv V100AV</p>
<p><b>Health &amp; Safety info</b></p>	<ul style="list-style-type: none"> <li>• Although Liparoad P6005 PHOSPHO isn't toxic, it is recommended to wear suitable clothing as well as suitable hand gloves and eye protection</li> <li>• Always work in a well ventilated area.</li> </ul>

	<ul style="list-style-type: none"><li>• Keep away from electrical sparks</li><li>• Carefully consult the Health &amp; Safety datasheets prior to use</li></ul>
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## Delivery conditions

<b>Packaging</b>	6kg Liparoad P6005 base + 3kg Liparoad P6005 phospho pigment + 100g dibenzoylperoxide powder
<b>Storage stability</b>	Max. 6 months in an unopened packaging, protected against extreme weather conditions.