

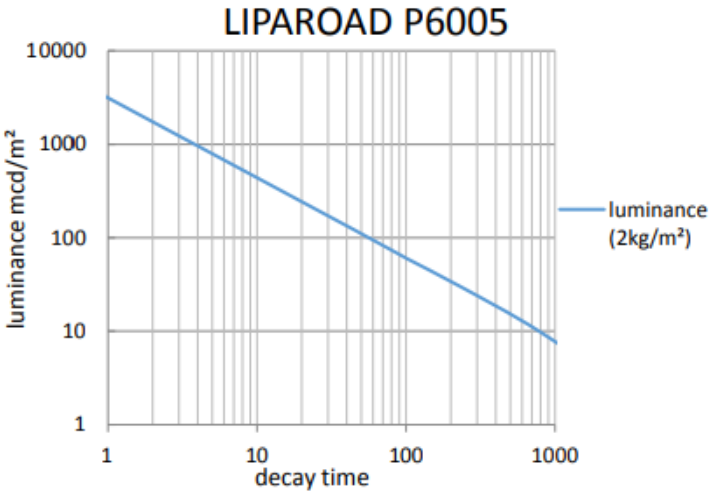
Technical data sheet: LIPAROAD P6005 PHOSPHO

General

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

Technical data

Viscosity	Thick fluid consistency	
Color	Light green	
Density	ca. 1,4 g/cm ³ at 20 °C	
Appearance	matt	
Potlife (20°)	~12' at 20°C	
Glow in the dark Subcategory – DIN 67510 Part 4	<u>Subcategory E (highest level)</u> 2 min : >2200 mcd / m ² 10 min : >520 mcd / m ² 30 min : >170 mcd / m ² 60min. : >70 mcd / m ²	<u>Liparoad P6005 (2 kg/m²)</u> value : 3410 mcd / m ² value : 780 mcd / m ² value : 232 mcd / m ² value : 101 mcd / m ²

<p>Luminance (DIN 67510 Part 4)</p>	 <p>Remark : complete extencion at luminance 0,3 mcd / m²</p>
<p>Skid resistance</p>	<p>>=45 SRT</p>
<p>Sag resistance</p>	<p>No sagging up to 1mm thickness on vertical substrates</p>
<p>Flash point</p>	<p>~11°C</p>
<p>Mix ratio</p>	<p>Base : 6kg Phospho pigment : 3kg Dibenzoyl peroxide powder : 100g</p>

Application information

<p>Application</p>	<ul style="list-style-type: none"> • Add PHOSPO pigment to the base and mix mechanically for a few minutes until a homogeneous mass. • Mix the peroxide homogeneously into the mass. • 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. • For vertical application apply by roller (short haired)
<p>Substrate preparation</p>	<p>It is obligatory to apply Liparoad P6005 PHOSPHO on a white primer coat by preference Liparoad P6002 white. Other suitable primer coats are epoxy based white coatings</p>
<p>Consumption (horizontal)</p>	<p>1,4-2,1 kg/m² = 1,0-1,5 mm</p>
<p>Temperature/Humidity</p>	<p>Preferably apply between 10°C and 25°C</p>
<p>Equipment cleaning</p>	<p>Lipasolv V100AV or Lipasolv V400AV</p>
<p>Health & Safety info</p>	<ul style="list-style-type: none"> • Although Liparoad P6005 PHOSPHO isn't toxic, it is recommended to wear suitable clothing as well as suitable hand gloves and eye protection • Always work in a well ventilated area. • Keep away from electrical sparks

	<ul style="list-style-type: none">Carefully consult the Health & Safety datasheets prior to use
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Delivery conditions

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