

# Technical Data sheet: LIPAPROTECT AG15 SATIN

## General

<b>Description</b>	Water based 2-component polyurethane-acrylic pigmented protective coating on coated and uncoated surfaces.
<b>Properties</b>	<ul style="list-style-type: none"> <li>• Satin gloss</li> <li>• Excellent weather and UV resistance</li> <li>• Non yellowing</li> <li>• Excellent gloss retention</li> <li>• Contains active ingredients to improve dirt pick-up resistance</li> <li>• Scratch resistant</li> <li>• Excellent water repellency and anti-graffiti properties due to novel built in silicone technology</li> <li>• Easy to clean</li> <li>• Flexible</li> <li>• Excellent adhesion on dense concrete and different substrates (i.e. aluminium, PET, polycarbonate)</li> <li>• Excellent solvent resistance ( i.e. resists wipe cleaning with acetone)</li> <li>• Low VOC</li> </ul>
<b>Application use</b>	<ul style="list-style-type: none"> <li>• Anti-graffiti and general high level protective applications</li> </ul>

## Technical data

<b>Viscosity</b>	Low viscous base + hardener.
<b>Colors</b>	colourless
<b>Density</b>	1,05+-0,05 g/cm <sup>3</sup> at 20 °C
<b>Solids content</b>	Comp. A : ~70% Comp.B : 100% Mixed product : ~48% by weight Mixed product at spray viscosity : ~43%
<b>Volume solids</b>	Mixed product at spray viscosity : ~40%
<b>Aspect</b>	Satin gloss : ~35GU on a smooth surface (at 60° angle) depending on layer thickness. On profiled surfaces a mat aspect can be achieved
<b>VOC-content</b>	Comp. A : ~60g/L (EU Directive 2004/42/EC : limit value 140g/L) Comp. B : 0 g/L
<b>Potlife (20°C)</b>	~2h

<b>Drying times (120μ - 20°C)</b>	Dust free : ~30' Dry to touch : ~1h Dry to handle : 3-4h Fully cured : 7d Recoat time between 2 coats : min. 12h
<b>Flash point</b>	Comp.A : not applicable Comp.B : >100°C
<b>Layer thickness</b>	6m <sup>2</sup> /L = ~165μ wet = ~65μ dry 8m <sup>2</sup> /L = ~125μ wet = ~50μ dry

## Application information

<b>Application</b>	With brush, roller or airless (nozzle 011-013)
<b>Substrate preparation</b>	Dedust and degrease properly
<b>Mixing conditions</b>	<ul style="list-style-type: none"> <li>• Stir up comp.A with an electrical mixer in order to get an homogeneous mixture</li> <li>• Add under mixing comp.B to comp.A for ~2 minutes</li> <li>• Dilute mixed product with 10% water (=~1,5L water on 15L mixed product) to spray viscosity</li> <li>• Allow to deaerate for ~3-5 minutes prior to spraying</li> </ul>
<b>Graffiti removal</b>	<p>Before treatment with Lipaprotect AG15 satin</p> <ul style="list-style-type: none"> <li>➢ Remove graffiti with « Liparemove Extra »</li> <li>➢ Clean</li> <li>➢ Allow to dry</li> </ul> <p>After treatment with Lipaprotect AG15 satin :</p> <ul style="list-style-type: none"> <li>✓ Clean/treat surface with « Liparemove Blue »</li> <li>✓ Preferably use (locally) a plastic handbrush to remove the graffiti by means of frotting.</li> <li>✓ Allow to act for a few minutes</li> <li>✓ Clean by high pressure water cleaning</li> <li>✓ Repeat procedure where necessary</li> </ul>
<b>Consumption</b>	6-8m <sup>2</sup> /L per coat – normally one coat is sufficient Build up thickness per coat in thin consecutive spray layers of 40-55μ wet each. Do not apply more than 5m <sup>2</sup> /L per coat
<b>Temperature/ humidity</b>	<ul style="list-style-type: none"> <li>• Apply preferably between 10°- 25°C.</li> <li>• Humidity :           <ul style="list-style-type: none"> <li>○ max. 80% at 20°C</li> <li>○ max. 70% at 10°C</li> </ul> </li> <li>• Always ensure sufficient ventilation !</li> </ul>
<b>Equipment cleaning</b>	Water + soap
<b>Health &amp; Safety info</b>	<ul style="list-style-type: none"> <li>• Always work in an ventilated environment</li> <li>• Consult Health &amp; Safety data sheets before use</li> </ul>

## Delivery conditions

<b>Packaging</b>	<ul style="list-style-type: none"><li>• 12,5L Lipaprotect AG15 satin comp.A + 2,5L Lipaprotect AG15 comp.B</li></ul>
<b>Storage stability</b>	Maximum 12 months in an unopened packaging kept away from extreme weather conditions