

Technical data sheet: LIPAPROTECT AG15 SATIN

General

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

Technical data

Viscosity	Low viscous base + hardener.
Colors	colourless
Density	1,05+-0,05 g/cm ³ at 20 °C
Solids content by weight	Comp. A : ~47% Comp.B : 100% Mixed product : ~55% Mixed product at spray viscosity : ~50%
Volume solids	Mixed product at spray viscosity : ~45%
Aspect	Satin gloss : ~35GU on a smooth surface (at 60° angle) depending on layer thickness. On profiled surfaces a semi-mat aspect can be achieved
VOC-content	Comp. A : ~60g/L (EU Directive 2004/42/EC : limit value 140g/L) Comp. B : 0 g/L
Potlife (20°C)	~2h
Drying times (120µ - 20°C)	Dust free : ~30' Dry to touch : ~1h Dry to handle : 3-4h Fully cured : 7d

	Recoat time between 2 coats : min. 12h
Flash point	Comp.A : not applicable Comp.B : >100°C
Layer thickness	7m ² /L = ~140μ wet = ~65μ dry 9m ² /L = ~110μ wet = ~50μ dry

Application information

Application	With brush, roller or airless (nozzle 011-013)
Substrate preparation	Dedust and degrease properly. In case of doubt of proper adhesion performance between substrate and coating consult technical services of ACB-WJ
Mixing conditions	<ul style="list-style-type: none"> • Stir up comp.A with an electrical mixer in order to get an homogeneous mixture • Add under mixing comp.B to comp.A for ~2 minutes • Dilute mixed product with 10% water (=~1,5L water on 15L mixed product) to spray viscosity • Allow to deaerate for ~3-5 minutes prior to spraying
Graffiti removal	<p>Before treatment with Lipaprotect AG15 satin</p> <ul style="list-style-type: none"> ➢ Remove graffiti with « Liparemove Extra » ➢ Clean ➢ Allow to dry <p>After treatment with Lipaprotect AG15 satin :</p> <ul style="list-style-type: none"> ✓ Clean/treat surface with « Liparemove Blue » ✓ Preferably use (locally) a plastic handbrush to remove the graffiti by means of frotting. ✓ Allow to act for a few minutes ✓ Clean by high pressure water cleaning ✓ Repeat procedure where necessary
Consumption	7-9m ² /L per coat – normally one coat is sufficient Build up thickness per coat in thin consecutive spray layers of 40-55μ wet each. Respect consumption data and ventilation recommendations to avoid blistering
Temperature/ humidity	<ul style="list-style-type: none"> • Apply preferably between 10°- 25°C. • Humidity : <ul style="list-style-type: none"> ○ max. 80% at 20°C ○ max. 70% at 10°C • Always ensure sufficient ventilation !
Equipment cleaning	Water + soap
Health & Safety info	<ul style="list-style-type: none"> • Always work in an ventilated environment • Consult Health & Safety data sheets before use

Delivery conditions

Packaging	12,5L Lipaprotect AG15 satin comp.A + 2,5L Lipaprotect AG15 comp.B
Storage stability	Maximum 12 months in an unopened packaging kept away from extreme weather conditions