

# STRIASOL PU

Solvent based polyurethane paint



## DEFINITION

Two component, glossy polyurethane paint.  
Applicable in thin layers, both indoors and outdoors.

## INTENDED USES

- Gyms,(if coated with a varnish)
- Industrial complexes,
- Public establishments (classrooms, corridors, etc.), subject to average level of traffic.

## PROPERTIES

- Excellent resistance to chemical agents : petroleum products, grease, acid, etc. (Please contact our Technical Service).
- Particularly well suited to protect battery storage and charging facilities.
- Good resistance to bad weather.
- Anti-dust properties.

Applicable, in horizontal and vertical, on :

- Concrete,
- Steel or Galvanised steel treated with EPODUX PRIMER 61-134 v01,
- Wood pre-coated with EPODUX HV PC,
- Ancient and perfectly adherent polyurethane or epoxy paints (please contact our Technical Service).

To obtain an antislippery surface or a nonskid surface it is necessary to use an additive or to sprinkle fillers on the surface , consult our Technical Department.

## TECHNICAL DATAS

Dry film finish	: Glossy
Colour(s)	: According to colour cards SOL, RAL / AFNOR
Number of components	: 2
Mixing ratio by weight	: 67/33
Mixing ratio by volume	: 58/42
Specific gravity	: 1,35 +/- 0,05 g/cm <sup>3</sup>
Solids weight	: 66 +/- 2%
Solids volume	: 51 +/- 3%
Induction time at 20°C	: 30 minutes before use
Pot life of mixing	: 5 hours at 20°C 3 hours at 30°C
Temperature of product for application	: between 15 and 30 °C
Theoretical coverage	: 8,5 m <sup>2</sup> /l - 6,30m <sup>2</sup> /kg for 60 µm dry
Practical spreading rate	: Depends on the surface, the conditions, the application equipment, etc...
Dilution	: 61-161 v01 (3 to 10 %)
Cleaning of equipments	: 61-161 v01

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### INSTRUCTIONS

#### Surface preparation

Tiling : Prepared by any adequate mechanical means, with sufficient roughness and with a coat of specific primer.

Wood : The preparation of the surface and its qualities are to comply with DTU 59-3 and standard NFP 74-201.

Steel : After grease removal/cleaning operations, abrasive blast cleaning to Sa 2 1/2 (according to ISO 8501-1) with a "mid G" profile roughness according to ISO 8503-2 (Ra 10/13µm).

Apply a coat of EPODUX PRIMER 61-134 v01 or of PRIMODUX H, EPODUX IM 209 depending on the painting overcoating time and the recommendations as per our technical data sheets.

Concrete : In compliance with recommendations of DTU 59-3 concerning the preparation and quality of flooring before painting operations : dry , clean, free of all marks of pollution, no rising damp and showing sufficient roughness to enable the coating to adhere.

Nota : In the case of concrete or tiles after having made the surface preparation, an operation of raking can be made necessary according to the state of the support to recover the flatness.

This operation is realized after application of the primer by means of the RESINE MULTICOUCHE v01 loaded with QUARTZ 57 (Refer to the paragraph Product preparation)

#### Product preparation

Store at 20°C, 24 hours before application.

STRIASOL PU is provided as a 2 components kit, Base and Hardener, undivisible, which must be mixed thoroughly before application with a mechanical stirrer, at slow speed, in order to prevent the inclusion of air bubbles.

Note : In the absence of a primer, the first layer must be imperatively applied with a roller and diluted 5 to 10% in order to enhance its penetration into the surface.

**Number of coats :** 2 to 3

### INFORMATIONS

Applicable on	Concrete	Percolated asphalt	Steel	Bituminous surface	Wood	Tiles
	✓		✓		✓	✓
Previous coat	RESINE MULTICOUCHE v01, STRIAFIX, STRIASOL 250 SP STRIATHANE SP, STRIATHANE UVR, STRIASOL 310 SP, STRIASOL PU, EPODUX PRIMER 61-134 v01.					
Next coat	STRIASOL PU, POLYSTRIA v01.					

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### USES

Function/Aspect	Product	Preparation of mixing	Spreading rate	Application equipment
Smooth finish	STRIASOL PU	Base and Hardener	7 to 8 m²/l	10-12 mm roll
Anti-slip finish	STRIASOL PU Anti-slip additive	Base and hardener in which will be added half a dose of 180g of anti-slip additive by 12l Kit	6 to 7 m²/l	10-12 mm roll
Anti-skid finish	STRIASOL PU QUARTZ 57	Base and Hardener sprinkled with QUARTZ 57 between two layers of STRIASOL PU	6 to 7 m²/l	10-12 mm roll

### APPLICATION CONDITIONS

Store at 20°C, 24 hours before application.

Ambient temperature : Minimum : 10°C / Maximum : 30°C

Ambient humidity : 80% maximum

Substrate humidity : 4% maximum

Substrate temperature : Must be greater than 10°C and 3°C above dew point in order to prevent condensation

### DRYING / OVERCOATING TIME

Drying time and humidity < 80%		10°C	20°C	30°C
Light traffic		4 days	2 days	1 day
Normal traffic		14 days	7 days	4 days
Dry		12 hours	6 hours	3 hours
Hard		15 days	7 days	4 days
Overcoating time	Minimum :	48 hours	24 hours	12 hours
	Maximum :	12 days	6 days	3 days

### CLEANING

First cleaning : After complete polymerization of the coating, (7 days at 20°C). Resin-based floor coating systems, such as all seals and floorings, must be well maintained in order to ensure long-lasting properties and satisfactory results. The recommended cleaning rules must be respected, (cf to our procedure). Some performances (such as slip resistance, chemical resistance, conductivity...) are some of the characteristics that can evolve rapidly depending on use and lack of maintenance. Those are normal wear phenomena.

### REPORTS

- Adherence, abrasion and washability : CERITEC
- Slip coefficient of friction : DDE
- Reaction to fire : CSTB

### REGULATORY SPECIFICATIONS

- AFNOR classification : Classement AFNOR NFT 36 005 Famille I Classe 6a  
VOC (directive 2004/42/CE) : EU limit value for this product (A/j) : 500 g/l (2010).  
Ce produit contient au maximum 500 g/l de COV

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### HEALTH AND SAFETY

Flash point : Base : Between 21/23°C and 55°C, Hardener : Lower to 21/23°C  
Use precautions, labelling, transport : Refer to safety data sheet established according to European Directives  
Shelf life : 2 years in its unaltered and sealed original container. Store in a cool, well-ventilated area, sheltered from bad weather.

### PACKAGING

KIT	BASE	HARDENER
4 l	2.3 l	1.7 l
12 l	7.0 l	5.0 l
1 kg	0.67 kg	0.33 kg
5 kg	3.35 kg	1.65 kg
15 kg	10.1 kg	4.90 kg