

# STRIASOL 250 SP

Semi-thick epoxy coating applicable by roller



## DEFINITION

Two component epoxy coating,  
Solvent free,  
Applicable by roller.

## INTENDED USES

Applicable on concrete, percolated bituminous, steel, tiles primed with a coat of primer adapted to the nature of the substrate.

For premises submitted to intense traffic :

- Car Parks,
- Floor surfaces in public, industrial and household environments,
- Warehouses,
- Loading docks,
- Garages, etc...

Indoor exclusively.

## PROPERTIES

Good resistance to :

- Abrasion,
- Impacts,
- Numerous chemicals (please our Technical Department).

Note : the coating properties, excluding the aspect, are not affected by actinic radiation.

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	: 85,5/14,5
Mixing ratio by volume	: 74,5/25,5
Specific gravity	: 1,60 +/- 0,10 g/cm <sup>3</sup>
Solids weight	: 97 +/- 2%
Solids volume	: 94 +/- 3%
Induction time at 20°C	: None
Pot life of mixing	: 30 mn at 20°C 15 mn at 30°C
Temperature of product for application	: between 15 and 30 °C
Theoretical spreading rate	: 350 g/m <sup>2</sup> for 220 µm dry
Practical spreading rate	: 350 to 450 g/m <sup>2</sup> depending on the surface, the conditions, the application equipment, etc...
Practical spreading rate	: Depends on the surface, the ambient conditions and the application equipment
Dilution	: Ready to use
Cleaning of equipments	: 67-232 v02

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### INSTRUCTIONS

#### Surface preparation

Concrete : in compliance with recommendations set forth in DTU 59-3 or/ and DTU 54-1 concerning the preparation and quality of flooring before painting operations : dry surface, clean, free of all marks of pollution, no rising damp and showing sufficient roughness to enable the coating to adhere, by means of a suitable primer.

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.

#### Product preparation

Store at 20°C, 24 hours before application.

STRIASOL 250 SP is provided as a 2 components kit, base coat and hardener, undivisible. Mix the components by means of a mechanical low-speed stirrer.

Take care not to introduce air.

If the mixture is not homogeneous, non polymerised zones may appear, soft and/or tacky.

Once the product is ready, it must be used immediately as it has a limited potlife. During the polymerisation time, avoid draughts that can blush the surface (cool and damp air increase this effect).

**Number of coats :** 1 à 2

### INFORMATIONS

Applicable on	Concrete	Percolated as alt	Steel	Bituminous surface	Wood	Tiles
Previous coat	PAREVAPOX, RESINE MULTICOUCHE v01, RESINE MULTICOUCHE SR, STRIARESINE, STRIAFIX, STRIAPRIM, STRIASOL SP S/C, EPODUX PRIMER 61-134 v01, PRIMODUX H.					
Next coat	STRIASOL HD 59, STRIASOL 310, itself, STRIASOL 500 SP v01, STRIASOL PU, STRIATHANE UVR.					

### USES

Function/Aspect	Product	Preparation of mixing	Spreading rate	Application equipment
Anti slip surface	STRIASOL 250 SP Antislip additive	Base and Hardener in which will be added a dose of 360 g of antislip additive by 25 kg kit	350 to 400 g/m²	10-12 mm roller
Anti-skid surface	STRIASOL 250 SP	Applied (Base + Hardener) on a mass coat (RESINE MULTICOUCHE v01 / QUARTZ 57) sprinkled with quartz of the appropriate particule size distribution	500 to 700 g/m²  2 to 4 kg/m²	10-12 mm roller
Smooth	STRIASOL 250 SP	Base and Hardener	350 to 400 g/m²	10-12 mm roller

The pot life of the STRIASOL 250 SP is limited so it is imperative to apply the mixture without any delay.

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### APPLICATION CONDITIONS

Store at 20°C, 24 hours before application.

Ambient temperature	: Minimum : 10°C / Maximum : 30°C
Ambient humidity	: 85 % maximum
Substrate humidity	: Away from condensation
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		6 days	3 days	1,5 days
Normal traffic		15 days	7 days	4 days
Dry		48 hours	24 hours	12 hours
Hard		15 days	7 days	4 days
Overcoating time	Minimum :	48 hours	24 hours	12 hours
	Maximum :	15 days	7 days	4 days

### CLEANNING

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

- Performanci classification : CSTB
- Adhesion, abrasion, washability, resistance to fluids : CEBTP
- Floor friction coefficient : INRS
- Reaction to fire : CSTB
- Resistance to abrasion, impacts, chemical agents, traction, BCA wear, Shore hardness : Maestria laboratories

### REGULATORY SPECIFICATIONS

CE : CE 2013 (1) - EN13813SR (2) - B2,0 (3) - AR0,5 (4) - IR2,5 à IR20 (5) - Bfl S1 (6)

CE marking: the harmonized European standard NF EN 13813 "Screed materials and screeds" is the European standard that defines the requirements that apply to screed materials for the construction of indoor floorboards. The screed systems based on synthetic resin fall under these specifications. They are to be marked according to appendix ZA, 3, tables ZA.1.5 and 3.3 and fulfil the conditions set forth in the guideline concerning Construction Products Regulation (305/2011).

1) Year of the CE marking, 2) SR: Synthetic resin, 3) Adherence force, 4) Resistance to wear, 5) Resistance to impacts, 6) Reaction to fire

AFNOR classification : Classement AFNOR NFT 36 005 Famille I Classe 6b

VOC (directive 2004/42/CE) : EU limit value for this product (A/j) : 500 g/l (2010).

Ce produit contient au maximum 155 g/l de COV

### HEALTH AND SAFETY

Flash point	: Base : Superior to 60°C, Hardener : Between 21/23°C and 55°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
25 kg	21.400 kg	3.600 kg
7 kg	5.985 kg	1.015 kg

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