

STRIASOL 300 SP

Semi-thick epoxy coating, VOC-free



DEFINITION

Two-component, semi-thick epoxy coating.
VOC-free, applicable by roller.

INTENDED USES

Can be applied on concrete, percolated asphalt and tiles (previously coated with an adequate primer).

Used in premises with moderated or intense traffic :

- agri-food industry
- car parks
- floor surfaces in public and industrial environments
- warehouses
- loading docks
- garages

Indoor use exclusively, outdoor if covered with adequate topcoat.

PROPERTIES

Good resistance to :

- abrasion
- impacts
- chemicals (consult 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)	: RAL/AFNOR
Number of components	: 2
Mixing ratio by weight	: 86.6/13.4
Mixing ratio by volume	: 76.0/24.0
Specific gravity	: 1,76 +/- 0,10 g/cm ³
Solids weight	: 98 +/- 2%
Solids volume	: 97 +/- 3%
Induction time at 20°C	: None
Pot life of mixing	: 30 min at 20°C 15 min at 30°C
Temperature of product for application	: between 15 and 30 °C
Theoretical spreading rate	: 450 g/m ² for 250 µm (dry)
Practical spreading rate	: 350 to 450 g/m ² depending on the surface, the conditions and the application equipment
Dilution	: Ready to use
Cleaning of equipments	: 67-232 v02

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INSTRUCTIONS

Surface preparation

Floor tiles : Prepared by any adequate mechanical means, with sufficient roughness and already coated with a coat of specific primer (refer to section "Technical Data"). Furthermore, the following points must be checked before application, make sure of :

- The perfect adhesion of the tiles to the surface.
- State of the joints: these have to be perfectly fixed and water-proof (As well at the level of the floor tiles as the siphons and other particular points).
- The total absence of dampness is mandatory in order to prevent any future issue (blistering, loss of adhesion,...).

Concrete : In compliance with recommendations of DTU 59-3 and/ or DTU 54-1 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, which was printed the day before, using a suitable primer.

Product preparation

Store at 20°C, 24 hours before application.

STRIASOL 300 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 to 2

INFORMATIONS

Applicable on	Concrete ✓	Percolated as ✓ alt	Steel	Bituminous surface	Wood	Tiles ✓
Previous coat	PAREVAPOX, RESINE MULTICOUCHE v01, RESINE 19-22, RESINE MULTICOUCHE SR, STRIARESINE, STRIAFIX, STRIAPRIM, STRIASOL SP S/C					
Next coat	STRIASOL 300 SP, STRIASOL 250 SP, STRIAQUA B 58					

USES

Function/Aspect	Product	Preparation of mixing	Spreading rate	Application equipment
Gripping surface	STRIASOL 300 SP Antislip additive	Base coat and hardener and a 360g dose antislip additive by 25 kg kit	250 to 350 g/m ²	10-12 mm roller
Anti-skid surface	STRIASOL 300 SP	Base coat and hardener applied over a coat sprinkled with QUARTZ	500 to 700 g/m ²	Squeegee 10-12 mm roller
Smooth	STRIASOL 300 SP	Base coat and hardener	350 to 450 g/m ²	Squeegee 10-12 mm roller

The pot life of STRIASOL 300 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	: No condensation
Substrate temperature	: Must be greater than 10°C and 3°C above dew point.

DRYING / OVERCOATING TIME

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

Label Excell +

REGULATORY SPECIFICATIONS

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 5 g/l de COV

HEALTH AND SAFETY

Flash point	: Base : Superior to 60°C, Hardener : > 100°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	21.65 kg	3.35 kg