

STRIASOL 310

Solvent based epoxy paint



DEFINITION

Epoxy paint, two components, solvent based, applicable in thin layers.

INTENDED USES

- Car parks,
- Garages,
- Industrial areas.

PROPERTIES

Good abrasion resistance.
Excellent chemical resistance (please contact our Technical Department).

Applies on :

- Concrete,
- Galvanised steel or steel previously coated with EPODUX PRIMER 61-134 v01,
- Old adherent coatings (please contact 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 | : Semi glossy |
| Colour(s) | : According to RAL / AFNOR colour cards |
| Number of components | : 2 |
| Mixing ratio by weight | : 75/25 |
| Mixing ratio by volume | : 65,5/34,5 |
| Specific gravity | : 1,29 +/- 0,05 g/cm ³ |
| Solids weight | : 66 +/- 2% |
| Solids volume | : 49 +/- 3% |
| Induction time at 20°C | : 30 to 45 minutes before use |
| Pot life of mixing | : 12 hours at 20°C 6 hours at 30°C |
| Temperature of product for application | : between 15 and 30 °C |
| Theoretical coverage | : 7,80 m ² /l - 6,10 m ² /kg for 60 µm dry |
| Practical spreading rate | : Depends on the surface, the conditions, the application equipment, etc... |
| Dilution | : 67-232 v02 (10 to 20 %) |
| Cleaning of equipments | : 67-232 v02 |

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INSTRUCTIONS

Surface preparation

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.

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 310 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.

Number of coats : 2 to 3, depending on the porosity of the surface

INFORMATIONS

| Applicable on | Concrete | Percolated asphalt | Steel | Bituminous surface | Wood | Tiles |
|---------------|---|--------------------|-------|--------------------|------|-------|
| Previous coat | STRIASOL 310, STRIAFIX, EPODUX PRIMER 61-134 v01, PRIMODUX H. | | | | | |
| Next coat | STRIASOL 310, STRIASOL PU. | | | | | |

USES

| Function/Aspect | Product | Preparation of mixing | Spreading rate | Application equipment |
|------------------|------------------------------------|--|----------------|-----------------------|
| Smooth | STRIASOL 310 | Base and Hardener | 7 to 8 m²/l | 10-12 mm roller |
| Anti-slip finish | STRIASOL 310 Anti-slip additive | Base and hardener in which will be added a dose of 360g of anti-slip additive by 12l Kit | 6 to 8 m²/l | 10-12 mm roller |
| Anti-skid finish | STRIASOL 310 QUARTZ 57 | Base and Hardener sprinkled with QUARTZ 57 between two layers of STRIASOL 310 | 6 to 8 m²/l | 10-12 mm roller |

In the absence of a primer, the first layer must be imperatively applied with a roller and diluted to 15 to 20 % in order to enhance its penetration into the surface.

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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 | : 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 | | 6 days | 3 days | 2 days |
| Dry | | 12 hours | 6 hours | 3 hours |
| Hard | | 15 days | 7 days | 3 days |
| Overcoating time | Minimum : | 24 to 48 hours | 12 to 24 hours | 6 to 12 hours |
| | Maximum : | 12 days | 6 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

- Adherence, Abrasion and Washability : CERIPPEC
- SRT coefficient for slippery surfaces : DDE
- Reaction to fire : CSTB
- Friction coefficient : INRS

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 500 g/l de COV

HEALTH AND SAFETY

Flash point : Base : Between 21/23°C and 55°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 |
|-------|----------|----------|
| 4 l | 2.70 l | 1.30 l |
| 12 l | 8.00 l | 4.00 l |
| 5 kg | 3.75 kg | 1.25 kg |
| 15 kg | 11.25 kg | 3.75 kg |