

SIANOL HO

Impregnation



Hydrophobic and oleophobic concrete impregnation

Product description

SIANOL-HO is an aqueous hydrophobic and oleophobic protective impregnation without gloss and color strengthening, but with anti-adhesive effect. The applied impregnation is durable 5 - 10 years.

Tested Anti-Graffiti-System (AGS) for application on mineral surfaces*:

*Reference concrete according to DIN EN 1766:2017 of type MC (0.45) with a water-cement ratio of 0.45 and concrete compressive strength class C 40/50.

- Penetration depth test based on DIN EN 14630
- Beading test, determination of contact angle following DIN 55660-2
- Tested according to ReGG III (regulations for the evaluation of methods, technologies and materials for graffiti removal and graffiti prophylaxis of the Gütegemeinschaft Anti-Graffiti e.V. member of RAL e.V.)
- Test of water vapor permeability according to DIN EN ISO 7783

Fields of application

SIANOL-HO is suitable for the treatment of absorbent mineral substrates such as:

- Concretes with various surface finishes such as: washed, acidified, blasted, bush hammered, etc.,
- mineral plasters,
- clinker and brick, sandstone, sand-lime brick.

SIANOL-HO protects especially floor coverings such as pavements, slabs, etc. from watery and oily stains.

Both older and younger coverings can be sustainably protected.

Application advantages

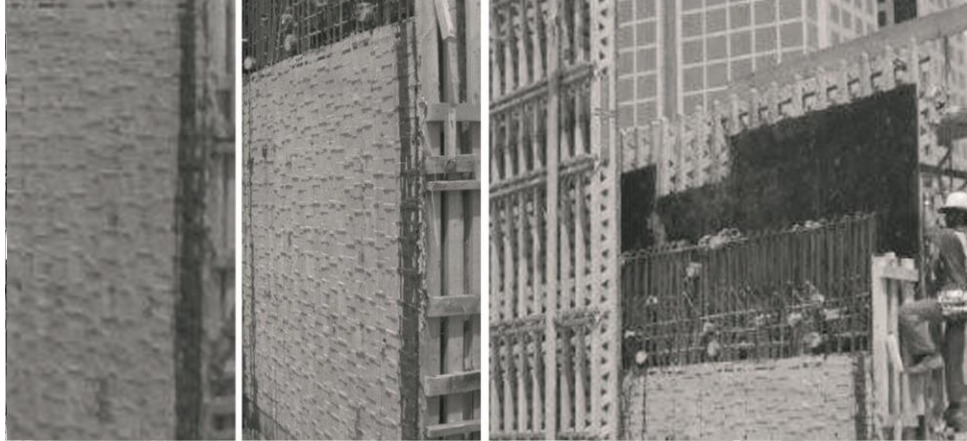
SIANOL-HO has multiple advantages without changing the characteristics of the treated surfaces. The product:

- is permeable to water vapor,
- protects the substrate from watery and oily stains, so that they do not penetrate the coating and can be easily removed with our cleaner SIANOL-ZE,
- reduces water runs on facades,
- reduces damage caused by algae, mosses and microorganisms,
- reduces efflorescence and freeze-thaw damage, etc.
- Graffiti can be removed up to twice with Basic Remover depending on the load. After cleaning, we recommend re-treatment with SIANOL-HO.

Application instructions

The application is carried out in dry, preferably windless weather and temperatures between at least + 5°C and maximum + 40°C of air and substrate.

For highly absorbent substrates, we recommend a second application wet-on-wet to achieve an optimum protective effect.



RCT gmbh

Technical properties

- Yellowish, mild smelling liquid
- Density: approx. 1,00 g/cm³ at + 20°C
- pH value: approx. 5
- Viscosity: 1,0 mPas at + 20°C
- Working temperature: above 5°C

Consumption

Between 100 and 300 ml/m² - depending on the absorbency of the substrate. The application of a sample surface is recommended.

Packaging

- 10 l container
- 25 l container
- 180 l drum
- 1.000 l container

Storage

Protect from frost and direct sunlight.

Shelf life

Shelf life in closed original packaging 12 months from date of manufacture. Close packaging tightly after use.

Safety

See EC safety data sheet.

Environment

Container can be emptied of residues and recycled or disposed of according to type.