

# SIANOL W

Impregnation



## Hydrophobic concrete impregnation

### Product description

SIANOL W is a water-based hydrophobizing concrete impregnation based on polymers, which gives the concrete a silky-matt gloss.

### Tested surface protection system 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.

- Testing of the penetration depth according to DIN EN 14630
- Beading test, determination of contact angle following DIN 55660-2
- Abrasion resistance test (Taber test) according to DIN EN ISO 5470-1
- Test of water vapor permeability according to DIN EN ISO 7783

### Fields of application

SIANOL W is suitable for the treatment of absorbent mineral substrates, such as:

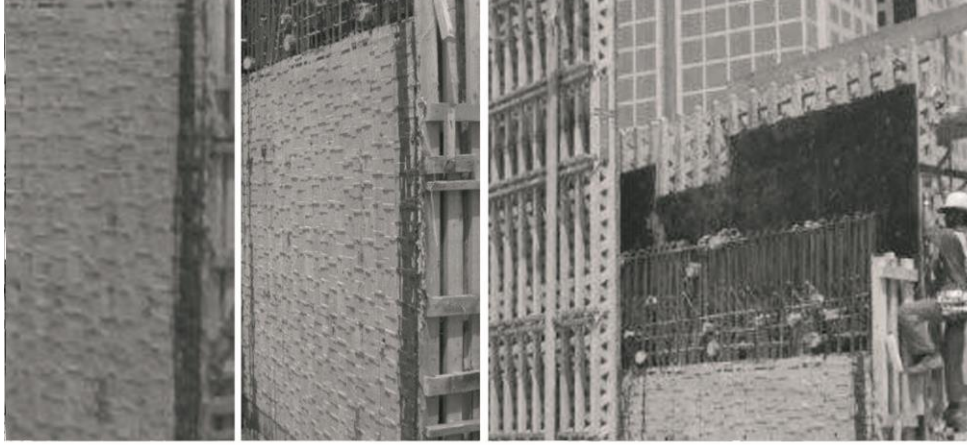
- Concretes with various surface finishes such as: washed, acidified, blasted, bush-hammered, etc.,
- clinker and brick, sandstone and sand-lime brick.

## Application advantages

SIANOL W has a wide range of advantages. The product:

- is UV-resistant and permeable to water vapor,
- protects the substrate from watery stains and soiling caused by coffee, ketchup, Coca Cola, etc., 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,
- can be applied to the still young concrete already during production and is usually stackable after 24 hours,
- consolidates the concrete surface,
- is durable on the surface for a long time, etc.

The application is carried out in dry, preferably windless weather and temperatures between at least + 5°C and maximum + 25°C of air and substrate. It is best to apply with a sprayer evenly until uniform wetting on the dry and clean substrate to be treated.



## **Properties**

- Milky, slightly smelling liquid
- Density: approx. 1.03 g/cm<sup>3</sup> at + 20°C
- pH value: approx. 8.0
- Viscosity: 10 mPas at + 20°C
- Working temperature: above 5°C

## **Consumption**

Between 80 – 200 ml/m<sup>2</sup>, 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 disposable 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**

Complies with VOC Directive 2010

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