



Sianol D

Impregnation



Hydrophobic concrete impregnation

Product description

SIANOL D is a hydrophobic aqueous concrete impregnation based on silicone.

Fields of application

SIANOL D is suitable for the treatment of absorbent concrete structures in the following surface finishes:

- smooth-formed exposed concrete
- textured concrete
- acidified, washed and blasted facades

SIANOL D protects especially facades against watery staining. Both older and young concrete surfaces can be protected.

SIANOL D can also be used for the mass hydrophobization of non-load-bearing precast concrete elements. In this case, it is recommended to test the properties of the modified precast concrete elements.

Application advantages

SIANOL D has multiple product advantages without changing the appearance of the treated surfaces.

SIANOL D

- is UV-resistant,
- reduces water runs on the facades,
- reduces the penetration of acidic components from the air,
- reduces efflorescence and increases frost/de-icing salt resistance.

Properties

- Milky, mild smelling liquid
- Density: approx. 1 g/cm³
- Viscosity: approx. 20 mm²/s
- Working temperature: above 5°C

Consumption

Between 100 and 300 ml/m² –m² - depending on the absorbency of the concrete surface. The application of a sample surface is recommended. For mass hydrophobization, a dosage of 0.1 - 1.0%, based on the total mass, is recommended. Note the addition in the mixing water to maintain the water/cement ratio.

Packaging

- 25 l container
- 120 l drum
- 1000 l disposable container

Storage

Protect from frost and direct sunlight.

Shelf life

Shelf life in closed original containers 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.