

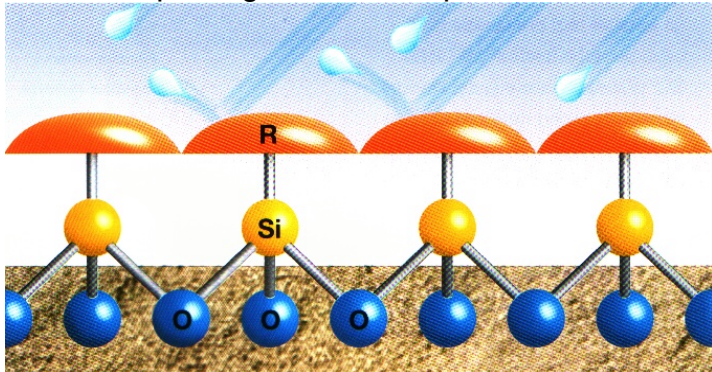
Siloseal

Silane-Siloxane Water Repellent



DESCRIPTION

Siloseal is a silane-siloxane protective sealer, which penetrates deeply into the substrate to produce a hydrophobic barrier with. This treatment significantly reduces the absorption of water and reduces the migration of salts but still allows the passage of water vapour.



Siloseal chemically bonds to mineral surfaces forming a hydrophobic barrier.

The hydrophobic barrier prevents the passage of salts through stone, concrete or bricks and can be used either alone or as a primer coat for other paints.

Discolouration of the substrate is uncommon but a test area prior to application is recommended.

ADVANTAGES

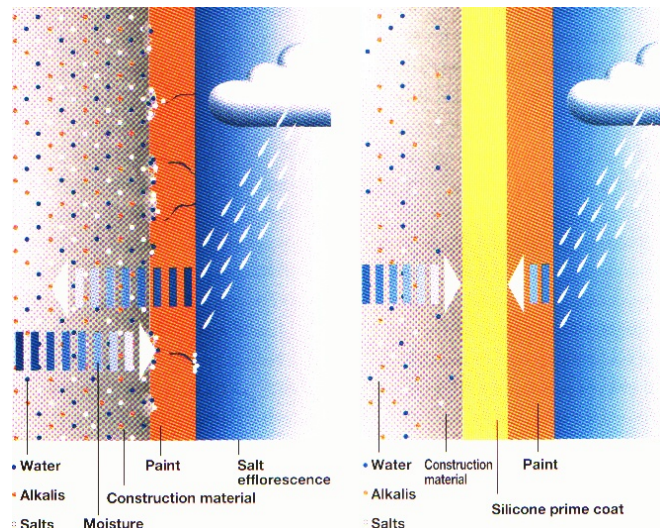
- Provides an invisible water repellent Surface.
- Water vapour permeable
- Reduces cleaning costs
- Will not yellow
- Reduces efflorescence and surface salts
- Not affected by temperature changes

TECHNICAL DATA @20°C

Appearance:	Clear
Coverage:	0.5 - 3m ² per litre
Solids:	7%
Solubility in Water:	Insoluble
Flash Point:	35 - 40°C
Shelf Life:	12 months maximum
Dry Time:	1 - 3 hours
Application temp.	>5°C
Application By:	Low-pressure spray Flood coating Injection

PRIMING WITH SILOSEAL

Siloseal forms a hydrophobic barrier in the substrate just below the coating. This layer prevents the build-up of moisture and the concentration of harmful water-soluble salts under the coating.



Paint/substrate system with and without Siloseal as a primer.

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SURFACE PREPARATION

Surfaces to be treated must be free of all traces of dirt or other foreign matter. Salt encrustations must be removed. The surfaces must be dry with a moisture content of less than 15%. Allow all new concrete surfaces to cure for a minimum of 14 days.

SURFACE APPLICATION

Apply by low-pressure spray. Work from the bottom up and ensure complete saturation of the surface with each coat. At least two coats should be applied wet on wet.

NOTE: Do not spray Siloseal on glass or aluminium framing, as surface damage will result. The carrier solvent in Siloseal may attack paint and will damage plants. Do not apply on wet substrates.

Use as a primer: Siloseal may be used as a primer/sealer for most water and solvent based coatings. Follow the same surface preparation and application procedures with the exception that only one good flood coat is necessary.

Coverage

Depending on the substrate coverage will vary; it may be as low as 3m² per litre on dense concrete or as high as 0.5m² per litre on porous limestone blocks. A test area of 1-2m² should be carried out on site.

APPLICATION BY INJECTION

Siloseal may be used for damp proofing to prevent rising damp in brick and stone walls. The preferred application method is by injection at a low pressure through pre-drilled holes.

As the Siloseal is injected under pressure into the wall it replaces the water in the substrate with a hydrophobic layer that prevents the transfer of moisture and salts, allowing the wall to dry out.

As each application is different it is advisable to seek advice before installing any type of chemical damp proofing.

STORAGE

Store above 10°C and below 35°C in dry conditions. Shelf life up to 12 months if stored in original unopened packaging.

SAFETY

This material is flammable.

Use in a well-ventilated area and avoid inhalation of vapours.

Observe the health & safety data sheet.

Avoid contact with skin & eyes.

Wear safety glasses, gloves and overalls.

PACKING

20 litre drums.