

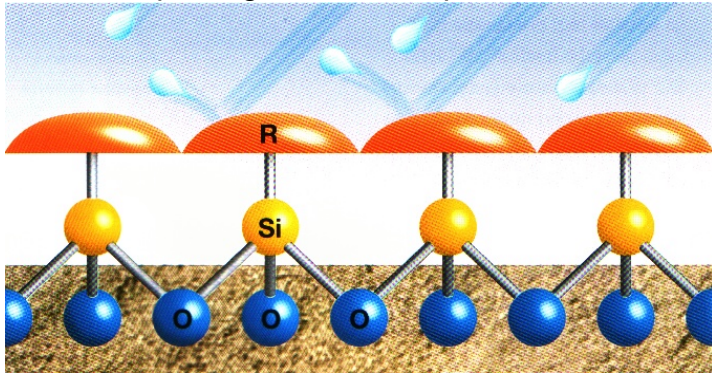
Siloseal W

Water based Silicone Water Repellent



DESCRIPTION

Siloseal is a water based silicone 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

- Water based
- Rapid acting
- Can be applied to damp surfaces
- 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:	5%
Solubility in Water:	complete
Flash Point:	N/A
Retest:	12 months
Dry Time:	approximately 1 hour
Application temp.	>5°C
Application By:	Low-pressure spray Flood coating Injection

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SURFACE PREPARATION

Surfaces to be treated must be clean and free of oil contamination. Salt encrustations must be removed. For maximum effect surfaces should be as dry as possible, moisture contents of less than 15% work best.

SURFACE APPLICATION

Apply by low-pressure spray. It is important to ensure complete saturation of the surface. One of two coats may be applied to ensure complete saturation. If two coats are to be applied they must be wet-on-wet i.e. do not allow the first coat to dry out before applying the second.

NOTE: Do not spray on glass or aluminium framing, or other non-porous as surface damage may result.

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.

Siloseal W 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 W 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.

SAFETY

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.

STORAGE

Store in away from direct sunlight at.

Retest time one year from manufacture date.

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