



SILCOPEL-WB

Silcopel WB is an invisible water based, ready to use, penetrating sealer for porous stone, masonry and concrete products. Silcopel has been designed to chemically bond to the pores within the substrate reducing the moisture uptake by up to 95%.

FEATURES

- Water based breathable penetrating sealer
- Chemically bonds to substrate
- Invisible finish
- High water repellence
- Reduces efflorescence, spalling, salt damage and mould growth
- Reduces dusting on concrete surfaces
- Low VOC
- Makes cleaning easier
- **Not to be used on bluestone, granites or any volcanic stone**

TECHNICAL INFORMATION

Physical State.....Non-viscous liquid
Odour.....characteristic odour
Boiling Point.....Approximately 100 °C
Flash Point.....Not flammable
Water Solubility....Miscible in all proportions
VOC.....0 % v/v
Storage.....Not stated

Colour.....Straw/clear
Specific Gravity.....1.00 – 1.01 @ 25 °C
Freezing Point.....Approximately 0 °C
Flammable Limits.....None
Per Cent Volatile.....Ca 95 % v/v

Suitable for: All commercial and domestic facades, walls and floor. External or internal porous stone, concrete and masonry products. Sealer can be used as a pre-seal.

Preparation: Always test product on a small area first and allow a 2 hour cure time to determine the ease of application and suitability of your surface type.

With new grout, allow 48 hours and new concrete allow 28 days before application.

All surfaces should be thoroughly cleaned with NATURAL CLEAN. Heavily soiled acid sensitive surfaces to be cleaned with D-GREASE, while non-acid sensitive surfaces can be cleaned with D-SCALE. All surfaces should be neutralised with NATURAL CLEAN.

Allow surface to dry for approximately 12 to 24 hours before sealing. Ensure surface is clean and free of residue and other contaminants.

Tape up or protect nearby surfaces as sealer will bond to all siliceous materials eg glass.

Allow good ventilation and use proper PPE as per details on the SDS. Do not thin product or alter formula.

Application: Apply when surface temperature is between 5 – 35 degrees C. Use Solutions Sealers applicator, microfibre, airless sprayer or paint brush. Do not use a roller.

The coats should be enough to wet the whole surface without leaving pools of sealer.

On porous surfaces apply 2 coats, the first coat as a flood coat saturating the surface without leaving puddles the following coats applied as a wet on wet application.

Excess sealer can be buffed in with a cloth, or for larger areas a scrubbing machine with a white nylon pad.

On a wet on wet application allow up to 15 minutes between coats. Excess should be removed before 15 minutes.

Do not allow sealer to contact glass, painted surfaces, plastic, vinyl etc.

Drying: Keep surface dry and free of traffic for 2 hours after application. Full protection will be at 72 hours.

Coverage: Porous surfaces first coat approximately 4 square metres per litre, 2nd 4-6 square metres per litre. Dense surfaces 7-12 square metres per litre.

Clean Up: Water.

Maintenance details see the General Cleaning Sealed Surfaces Technical Data Sheet on solutionssealers.com.au.

Shelf life: 2 years from purchase in an unopened container – test contents after this time.

Packaging:
1lt, 5lt, 20lt



PRECAUTIONS/LIMITATIONS:

- Test product for suitability of sealer on your surface
- Surface temperature to be between 5 and 35 degrees C
- Do not apply sealer if rain is expected within 12 hours
- Stain resistance with develop at 72 hours
- Allow 2 hours before foot traffic
- Tape up or cover areas close to the surface to be sealed
- Will not resist against hydrostatic pressure or rising damp.
- Will not seal cracks in the surface
- Uneven or improper application may result in inconsistent performance
- Remove excess sealer before 15 minutes
- Will not stop tannin (vegetation) or bird faeces staining
- Silcopel WB is a water repellent, not a waterproof sealer
- Contaminants left on the surface for a long period will penetrate the sealed surface
- Sealer will not prevent surface etching or wear
- Do not use harsh chemicals for cleaning

PRODUCT WARRANTY

Contact Solutions Sealers for warranty details. Warranty for this product is available for 10 years and requires the use of an approved applicator with maintenance requirements.

This product is warranted to be free of defects in material and workmanship. This product is manufactured in accordance with Solutions Sealers quality control standards. All technical data, manuals, statements and suggestions are based on in house & field testing. All information obtained herein is believed to be true & correct but accuracy and completeness of the said tests are not guaranteed and or not to be construed as a warranty or guarantee of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend on many factors that are beyond Solutions Sealers control.

SAFETY INFORMATION

Refer to safety data sheet for full details.
Available on www.solutionssealers.com

Ingredients

CAS Number

Proportion

Ingredients determined to be non-hazardous at concentrations present.

various

100 % w/w

Exposure limits	National Occupational Exposure Limits, as published by SAFEWORK AUSTRALIA:
	Time-weighted Average (TWA): None established for product.
	Short Term Exposure Limit (STEL): None established for product.

Transport Information

Labels Required	None allocated.
ADG	Not classified as Dangerous Goods.
IMDG Marine Pollutant	No
HAZCHEM	None allocated.

Regulatory Information

GHS Classification	NOT classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
SUSMP	Not scheduled
ADG Code	Not DG
AICIS	All ingredients present on AICS.

