

SILPRO

Silocks Plus® WB

For Use on Concrete and Masonry Surfaces
Silane Penetrating Water Repellant
Extended Life Formulation
Low VOC Content
Deep Penetrating
Water-Based
Breathable
Clear

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Silpro Silocks Plus® WB is a clear, water-based, deep penetrating, alkoxysilane breathable water-repellent for all types of concrete, masonry, and other cement-based surfaces. Its penetrating ingredients are ultraviolet light resistant and will not discolor surfaces. Due to its low VOC content, **Silpro Silocks Plus® WB** has low odor and is suitable for both interior and exterior use.

ADVANTAGES

- Superior Coverage
- Water-repellant
- UV light resistant
- Deep Penetrating
- Non-film forming
- Breathable
- Low VOC-safe for interior use
- Alkaline stable-suitable for “green” concrete
- No dilution required
- Easy application-spray, roller, or brush applied

TECHNICAL DATA

Physical state and appearance:	Milky white liquid
pH:	7-8
Odor:	Slight
Solids by weight:	6%
Solvent system:	Aqueous
VOC Volatile Organic Compound:	<30g/L
Active Ingredients:	7% Alkoxysilane
Density:	8.3lbs./gal.
Specific Gravity:	1.0
Flash Point:	>212°F (>100°C)
Freeze Point:	32°F (0°C)
Rilem II.4 Tube Test:	0 ml loss with 5.0 ml tube
Surface Discoloration:	none
Surface Deterioration:	none
Resistance to Sunlight:	Excellent
Resistance to Alkalinity:	Excellent
ASTM C 672 Scaling Resistance Exposure To De-Icing Chemicals & Freeze/Thaw Cycles (50 cycles)	No scaling or Mass Loss

SURFACE PREPARATION

Surfaces should be clean and free of dirt, oil, grease, mildew, efflorescence, and one other bond-inhibiting materials. Substrate must be sound to insure integrity of coating.

Surfaces may be dry or damp but not saturated. Let surface dry 24 hours after washing or rain. Deeper penetration and better water-repellency will result from dry surfaces.

If the surface has been chemically cleaned, it is imperative that the surface be neutralized to avoid any adverse reaction with the **Silpro Silocks Plus® WB**.

Previously treated surfaces must be tested for compatibility and penetration.

TEST SAMPLE

A preliminary test application of sufficient size to confirm appearance and performance is recommended prior to beginning the entire job. Because of the permanent nature of the product, the test should be completed on a sample of the surface to be coated. If this is not practical, select an area on the surface that will not be readily seen.

APPLICATION

Silocks Plus® WB may be applied by brush, roller, or low pressure pump sprayer (<50psi and fan nozzle tips are preferred). Even and complete coverage is required for proper protection. Agitate **Silocks Plus® WB** thoroughly before application.

A one-coat application will protect most masonry surfaces. Substrates that are extremely porous or that have been subjected to heavy water penetration may require two coats. If two coats are necessary, a “wet-on-wet” application is preferred. Apply the second coat as soon as you have finished applying the first coat.

On vertical surfaces, work from the top down and side to side with a six inch run down. Overlap each successive application. Saturate surface so that excess material flows down slightly and will be covered by next pass during application. Let the first coat penetrate for 5-10 minutes. Recoat if necessary.

On horizontal surfaces, spread evenly from edge to edge without any gaps. Saturate in a single application with enough **Silocks Plus® WB** to keep the surface wet for approximately 3 minutes. Remaining puddles must be brushed out.

Silocks Plus® WB should be dry to the touch in approximately 1 hour. Protect surfaces from rain for a minimum of 6 hours. Maximum water repellency achieved in 36 hours.

For Customer Service, Call Silpro at 1-800-343-1501

Note: Protect all adjacent surfaces and shrubbery from overspray. **Silocks Plus® WB** will damage shrubbery and potentially will etch glass and stain anodized aluminum if allowed to dry.

Clean Up: Clean all tools with water immediately after application. If glass or metal trim receives any over-spray wipe clean with water, followed by glass cleaner. Do not allow to dry on glass or metal surfaces.

PACKAGE SIZE

1 Gallon jug (3.79L)
5 Gallon pail (18.93 L)

COVERAGE

Coverage will depend on porosity and type of surface.

Concrete: 150-200 sq. ft. per gallon (14-19 sq. m.)

Concrete Block: 50-150 sq. ft. per gallon (5-14 sq. m.)

Brick: 50-175 sq. ft. per gallon (5-16 sq. m.)

LIMITATIONS

- Do not use if snow or rain has occurred within the past 24 hours or is expected within 6 hours.
- Do not apply by spray in windy conditions
- Do not apply over frost or frozen surfaces
- Do not apply if temperature is below 40°F (4°C) or will be within 6 hours of application (Use Silpro's **Silocks Plus™** for temperatures between 32°F and 40°F.
- Do not use over wood, metals, vinyl, etc.
- Avoid contact with surfaces other than concrete or masonry
- Water based sealers may change the appearance or stain concrete with dry or liquid polymer.
- Clean overspray from glass or metal flashing immediately by wiping with soap and water followed by glass cleaner

SHELF LIFE

2 years in unopened container. Material must be agitated thoroughly before use.

CAUTION!

SILPRO offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

GUARANTEE

Silpro LLC guarantees that their products are made of the finest raw materials under exacting care to produce products of the highest quality and will perform as stated when used in accordance with manufacturer's printed instructions.

Improper mixing, incorrect application or other factors beyond the control of the manufacturer may produce unsatisfactory results and cannot be held to be the manufacturer's responsibility. Silpro accepts no responsibility beyond the purchase price of the Silpro product used.

For further product information on **Silocks Plus® WB** consult your local dealer or call Silpro LLC at:
800-343-1501; 978-772-4444; FAX 978-772-7456.

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