Concrete Sealer™

Vertical and Horizontal Concrete Surfaces

TECHNICAL DATA SHEET

Provides protection from mold, mildew, and efflorescence. Clear long lasting formula designed to seal horizontal and vertical concrete surfaces.

Concrete Sealer™

SILANE SILOXANE with MICRO-LOK
100% PENETRATING WATER REPELLENT

Product Description

Concrete Sealer is a solvent-free, 100% active solid, silane/ siloxane repellent. Concrete Sealer self-emulsifies to form a high- performance and deep-penetrating, alkali-resistant water-repellent emulsion. When applied, Concrete Sealer forms a long chain water-repellent barrier deep within the masonry surface. This hydrophobic barrier repels water, yet remains highly vapor-permeable and allows moisture to escape. Concrete Sealer performance is not affected by weathering, UV light, or wind-driven rain. Concrete Sealer uses MICRO-LOK to create a micro-molecular chemical and mechanical bond between the water-repellent chemicals and the substrate. Paver Sealer penetrates deep into porous Paver surfaces to provide long-lasting and virtually indestructible water-repellent protection that is not affected by weather or sunlight. It helps prevent spalling, and cracking caused by freeze/thaw cycles. Helps prevent chloride ion intrusion and efflorescence.

Product Features

- Exclusive MICRO-LOK formulation
- Mold and mildew inhibitor
- Protection not affected by weathering or UV light
- Single or multiple coat application
- V.O.C. compliant
- Contains no known carcinogens
- Breathable – does not trap moisture
- Can be used in cold temperature applications
- Will NOT yellow or turn cloudy
- UV protectant

Specifically Designed For:

- Concrete

Can Also Be Used For:

- Concrete Patio
- Concrete Wall
- Concrete Block Wall

**An excellent primer for paint applications*

Coverage Rates (Theoretical)

Substrate	Sq Ft/ Gallon
Concrete Patio	150-200
Concrete Wall	150-200
Concrete Block Wall	100-150

Special Considerations

**Extremely porous Concrete may require multiple coats.*

Outstanding Benefits

- Penetrates deep – Perfect for use on sidewalks, driveways and garages
- Prevents growth of mold and mildew
- Stain resistant to oil, gas and anti-freeze
- Great winterizing agent – Protects concrete from icing and salt infiltration
- Easy to use – Same day, one coat application
- Apply in cold weather down to 40°F
- Easy clean up – Simple rinse with soap and water
- 0 VOC and low odor won't harm people, pets or plants

Dilution

Add clean water to concentrate ONLY
If product is Ready To Use - *DO NOT DILUTE

Test Panel

Always apply material to a mock wall or test panel. Test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.

Rainguard® Concrete Sealer™

Follow These Simple Steps

1. Concrete Sealer should be applied using a hand pumped garden sprayer (do not atomize) or low-pressure airless spray equipment.
2. If using airless spray equipment we recommend a spray tip size of .035 to .051. Spray head should be held 8 to 12 inches from the surface so that the flood coat runs down the wall approximately 6-12 inches below the point of application.
3. Avoid application in windy weather.
4. Trigger gun off at the end of each pass to avoid using excessive materials. Stop all applications only at corners, joints, seams, or edges.
5. Multiple coats may be applied. Whiting or yellowing will not occur.

Satisfaction Guarantee

We guarantee that you will be satisfied with our products. If you are unsatisfied, we will be happy to replace the product or issue a refund. See Rainguard.com for details.

Precautions & Limitations

All Concrete to be coated should be clean of any dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar, and mold and mildew, etc. All cracks should be pointed or caulked. All voids, beeholes,masonry surface defects and openings such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints, or any dissimilar materials should be repaired using urethane or other approved patching.

Do not apply to concrete if moisture content is greater than 15% as measured with an electronic moisture meter. Do not apply materials in climates where freezing temperatures have existed prior to application. Allow adequate time for surfaces to thaw. Establish that air, surface, and material temperatures are above 40°F (4.4°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 40°F when temperatures are expected to drop below 40°F within 48 hours of application. Do not apply if rain, snow, or lower temperatures are expected within 48 hours. Do not apply if relative humidity is greater than 90%

Use material in a well-ventilated area. Protect the work of other trades. Protect shrubbery and other plants with drop cloths. Protect automobiles and all other areas not to be coated from overspray. Remove overspray from any windows, automobiles, metal, etc. as soon as possible should it occur. To prevent permanent staining, clean spills or leaks in a timely manner.
Store materials in a well-protected area between 45° and 90°F. Avoid freezing temperatures, direct sunlight, and moisture. Keep away from heat sources.

Test Data

Wind Driven Rain	ASTM E-514-86., 98.7% Leak Red
Water Pen Fed Spec	SS-W-110C, 75% Min Req, 96.8 Leak Red Chloride Ion Intr
Salt Pounding NCHRP	No. 244 Series IV - 95% Red No. 244 Series II - 83% Red
Water Abs CMU ASTM C140-75	98.6% Effective
Water Vapor Trans ASTM D-1653-71	100% Vapor Perm
Water Repellency ASTM C67-87	98.6% Effective
Weathering ASTM G-53	3500 Hours - No Change
Surface Burning ASTM E84	Flame Spread 0, Smoke Development 0

Technical Data

Material Type	Silane/Siloxane
Active Content	100%
Volume Solids	40 or 80%(Depends on Dilution)
Color of Material	Milky White
Odor	Slight Odor
V.O.C.	0 g/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	6
Viscosity	9.6 Seconds No. 4 Ford Cup
Weight	Approximately 8.7 lbs./gal.
Surface Dry/Recoat	Approx 1 Hour
Full Chemical Cure	5 to 7 days

RAIN GUARD Since 1969

Rainguard® Concrete Sealer™