



Salt Guard™

Vertical & Horizontal Surfaces

TECHNICAL DATA SHEET

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Salt Guard™

SILANE SILOXANE with MICRO-LOK
100% PENETRATING WATER REPELLENT

Product Description

Salt Guard is the best protection from damage caused by road salt, ice, rain and snow. Formulated with Micro-Lok® technology, Salt Guard creates a micro-molecular chemical and mechanical bond between the Salt Guard chemicals and the surface it has been applied to, preventing moisture from penetrating the surface. Salt Guard also prevents cracking and breaking of wood and masonry caused by continuous freeze/thaw cycles.

Product Features

- Exclusive MICRO-LOK formulation
- Prevents damage from salt
- 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

Outstanding Benefits

- Penetrates deep – Perfect for use on sidewalks, driveways and patios
- Apply prior to using “Ice Melt” for easy ice and snow removal
- Can be used on green, newly poured concrete
- Great winterizing agent – Protects all surfaces from icing and salt damage
- Easy to use – Same day, two coat application using a hand pump garden sprayer
- 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
- Protects your investment from continuous freeze/thaw cycles

Dilution

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

For use on:

- Brick Surfaces
- Stone Surfaces
- Concrete Surfaces
- Wood Decking
- Sidewalks
- Salt Water Pool Deck

**Use on both horizontal and vertical surfaces*

Coverage Rates (Theoretical)

Substrate	Sq Ft/ Gallon
Brick Surfaces	70-140
Stone Surfaces	— 70-140
Concrete Surfaces	70-140
Wood Decking	250
Sidewalks	125
Salt Water Pool Deck	100-125

Special Considerations

**Extremely porous surface may require multiple coats.*

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® Salt Guard™





Follow These Simple Steps

1. Salt Guard 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 surfaces 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 surface 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%
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

