

# Advanced Waterproofer Vertical & Horizontal Surfaces

## TECHNICAL DATA SHEET

Silane / Siloxane water repellent provides protection from mold, mildew, and efflorescence.  
Clear long lasting formula designed to seal wood, concrete, and masonry surfaces.



Rainguard® Advanced Waterproofer

### Product Codes

LC	6 Oz → 1 Gal	TPC-0801
	1Q → 5 Gal	TPC-0701
RTU	1 Gal	TPC-0001

### Description

Advanced Waterproofer is a solvent free, water-based penetrating water repellent. It dries down to a clear, invisible finish that does not change the surface texture or look. This hydrophobic coating is absorbed into the surface and creates a barrier that repels water yet remains vapor permeable and allows moisture to escape. It is formulated to not be affected by weather or sunlight, and helps prevent mold, mildew, and spalling and cracking caused by freeze thaw cycles. Advanced Waterproofer is suitable for areas subject to hot tire traffic or high foot traffic. Ideal for porous and unpainted, interior or exterior, vertical or horizontal surfaces such as concrete, wood, brick, pavers, stone, stucco, and other masonry surfaces.

### Features

- Mold and mildew inhibitor
- Protection not affected by weathering or UV light
- 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

### Benefits

- Does not alter surface appearance
- Prevents growth of mold and mildew
- Protects from stains and weathering
- Low VOC and low odor
- Dries quickly - 1 hour at 75°F
- Easy clean up with soap and water

### 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 application.

### Coverage Rates\* (Theoretical)

*\*Extremely porous surfaces may require multiple coats*

Substrate	Sq Ft / Gallon
CMU Precision Block	60-70
Split Faced Block	50-70
Scored/Fluted	65-80
Lightweight Block	40-55
Clay Brick	125-150
Stucco	100-150
Concrete (Horizontal & Vertical)	125-150
Adobe Block	70-90
Clay Block	50-60
EIFS	80-120
Wood	300

### 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.

### Concentrate Dilution

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



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## How to Apply

1. Surface should be clean and fully dry prior to application.
2. Advanced Waterproofer should be applied using a hand pump garden sprayer (do not atomize or “mist” onto surface) or low-pressure airless spray equipment. If using airless spray equipment we recommend a spray tip size of .035 to .051.
3. **Vertical Surface:** 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. Apply using overlapping passes starting from the top. When product starts to drip, backroll with a short nap roller to ensure an even application. When surface is slightly damp to the touch, apply second coat.
4. **Horizontal Surface:** Apply a flood coat using overlapping passes. When product starts to puddle, simply backroll with a short nap roller to ensure an even application. When surface is slightly damp to the touch, apply second coat.
5. Trigger gun off at the end of each pass to avoid using excessive materials. Stop all applications only at corners, joints, seams, or edges.
6. Multiple coats may be applied. Whiting or yellowing will not occur.

### Helpful Tips:

- Avoid application in windy weather.
- Do not apply if rain is expected within 24 hours.
- Small areas such as bannisters may be applied with a 3/4” synthetic roller. More than 2 coats will need to be applied to ensure the surface absorbs enough product.

## Maintenance

Sealed surfaces should be checked each year to ensure integrity of the coating. Perform a splash test on the surface and if water absorbs quickly, apply an additional flood coat of the product.

## 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%.

Store materials in a well-protected area at 45°-90°F. Avoid freezing temperatures, direct sunlight, & moisture. Keep away from heat sources.

## Technical Data

Material Type	Silane/Siloxane
Active Content	100%
Volume Solids	40%
Color of Material	Milky White
Odor	Slight Ammonia
V.O.C.	0 g/L
Flash Point	Non-Flammable
pH Value	Approx. 12.5
Viscosity	9.6 Seconds No. 4 Ford Cup
Weight	Approx. 8.7 lbs/gal
Surface Dry/Recoat	Approx. 1 Hour @ 75°F
Light Foot Traffic	Approx. 1 Hour @ 75°F
Heavy Foot Traffic/Objects	Approx. 8 Hours @ 75°F
Full Chemical Cure	Approx. 5-7 Days

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## Technical 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	3,500 Hours - No Change
Surface Burning ASTM E84	Flame Spread 0, Smoke Development 0

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