



TECHNICAL DATA SHEET

Waterproofer for Wood and Masonry

100% PENETRATING WATER REPELLENT WITH MICRO-LOK®

PRODUCT DESCRIPTION

WATERPROOFER Ready to Use is a solvent free, 100% active solid, repellent. Requiring no dilution and ready to use, *WATERPROOFER* self emulsifies to form a high performance and deep penetrating, alkali resistant water repellent emulsion. When applied, *WATERPROOFER* 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. *WATERPROOFER* performance is not affected by weathering, UV light or wind driven rain.

MICRO-LOK creates a micro-molecular chemical and mechanical bond between the water-repellent chemicals and the substrate. *WATERPROOFER* penetrates deep into the applied surfaces to provide long lasting and virtually indestructible water repellent protection that is not affected by weather or sunlight. Helps prevent spalling and cracking caused by freeze thaw cycles. Helps prevent chloride ion intrusion and efflorescence. This material is **Ready To Use - Do Not Dilute.**

PRODUCT FEATURES

1. Exclusive *MICRO-LOK* formulation
2. Mold and mildew inhibitor
3. Protection not affected by weathering or UV light
4. Single or multiple coat application
5. V.O.C. compliant
6. Contains no known carcinogens
7. Maintenance free
8. Breathable – does not trap moisture
9. Can be used in cold temperature applications
10. Will not yellow
11. UV protectant

Guarantee Period: 7 Year Limited

Part Numbers:	<u>USA</u>	<u>International</u>
1 Gallon	TPC-0110	TPC-0110-CA
5 Gallon	TPC-0111	TPC-0111-CA

RECOMMENDED USES:

- Masonry block
- Concrete
- Stucco
- EFIS or cement plaster
- May be used on composite construction with a variety of substrates.
- Wood Surfaces
- Recommended for both horizontal and vertical surfaces
- Oil, gas and brake fluid repellent

COVERAGE RATES (THEORETICAL):

<u>Substrate</u>	<u>Sq Ft/ Gallon</u>
CMU Precision Block	60-70
Split Faced	50-70
Scored/Fluted	65-80
Lightweight	40-55
Clay Brick	125-150
Stucco	100-150
Dense Masonry Surfaces	125-150
Adobe Block	70-90
Clay Block	50-60
EFIS	80-120
Wood	300

- *Extremely porous surfaces may require multiple coats.*

MANUFACTURED BY:
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PRECAUTIONS & LIMITATIONS

All surfaces to be coated shall 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 shall be pointed or caulked. All voids, bee-holes, masonry surface defects and openings such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints or any dissimilar materials shall be repaired using urethane or other approved patching.

DO NOT DILUTE. WATERPROOFER IS SUPPLIED READY TO USE.

Do not apply to surfaces if moisture content is greater than 25% 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 or 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 shrubbery and other plants with drop cloths. Protect automobiles and all other areas not to be coated from over-spray. 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 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.

FOLLOW THESE SIMPLE STEPS

1. **WATERPROOFER** should be applied using low-pressure airless spray equipment., or bug spray equipment.
2. Avoid atomizing material by using 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.**

TECHNICAL DATA

Material Type	Silane/Siloxane
Active Content	100%
Volume Solids	40%
Color of Material	Milky White
Odor	Slight Ammonia Odor
V.O.C.	<15 g/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	Approximately 7.5
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

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		Allowed 25% - Obtained 13.0%
Water Abs CMU ASTM C140-75		89% Effective
Water Vapor Trans ASTM D-1653		100% Vapor Perm
Water Repellency ASTM C67-80A		97% Effective
Weathering ASTM G-53		2500 Hours – No Change
Surface Burning ASTM E84		Flame Spread 0, Smoke developed 0

LIMITED WARRANTY INFORMATION

Rainguard International warrants that if you are not completely satisfied with this product, when applied according to the above specifications, Rainguard will, at its option either replace the used material or refund the purchase cost of the material. Said warranty is good for a period of Seven (7) years from documented purchase date and the warranty is not transferable. Rainguard will not be responsible for (1) labor or the cost of removing product;, or (2) any incidental or consequential damages, or (3) damages caused by acts of God or vandalism.