



## TECHNICAL DATA SHEET

# HYDRO-LOK™

ALL SURFACE WATER REPELLENT  
with **MICRO-LOK™**

### PRODUCT DESCRIPTION

Rainguard *HYDRO-LOK* is a single component nano-based super hydrophobic treatment that creates a moisture barrier on almost any surface. *HYDRO-LOK* does not contain any harmful solvents and is not flammable either in liquid or dried form. *HYDRO-LOK* is completely clear when dry and does not create a dark, hazy or frosted appearance. It is packaged in an easy to use trigger spray bottle, not a pressurized aerosol can. *HYDRO-LOK* creates a clear, deep-penetrating, and non-film-forming chemically-reactive water repellent that contains no silicone oils, paraffin wax, or urethanes.

*HYDRO-LOK* contains *MICRO-LOK* which creates a micro-molecular chemical and mechanical bond between the water-repellent chemicals and the substrate. *HYDRO-LOK* penetrates deep into porous masonry surfaces to provide long-lasting and virtually indestructible water-repellent protection that is not affected by weather or sunlight. .

*HYDRO-LOK* provides superior grade, water-repellent performance on a wide variety of vertical surfaces. This material is **Ready To Use - Do Not Dilute.**

### PRODUCT FEATURES

- Mold and Mildew Inhibitor
- Protection not effected by weathering or UV light
- V.O.C. compliant
- Contains no known carcinogens
- Does not darken surfaces
- Breathable – does not trap moisture
- Can be used in cold temperature applications
- Will not yellow

Part Numbers:            USA            International  
16 oz. bottle            TPC-1000        TPC-1000CA

### RECOMMENDED USES:

- Work Boots
- Gloves
- Tents
- Patio Furniture
- Driveways
- Wood
- Leather
- Metal Surfaces
- Concrete
- Canvas
- Masonry block
- Stucco
- Porous stone
- Unglazed tile
- Aluminum

### COVERAGE RATES (THEORETICAL):

<u>All Substrates</u>	<u>Sq Ft/ bottle</u>
First Coat	20
Second Coat	40

#### **Special Considerations:**

- *Porous surfaces that allow water penetration will require two coats. If a surface darkens when sprinkled with water, two coats are recommended. .*

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## 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.

### **DO NOT DILUTE. HYDRO-LOK IS SUPPLIED READY TO USE.**

Do not apply to surfaces if moisture content is greater than 22% 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 35°F (2°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 35°F or when temperatures are expected to drop below 35°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 80%.

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 PANEL

*Always apply material to a test areal. Test actual surface area to determine acceptable color, surface porosity, application rates, and methods before starting general application.*

## FOLLOW THESE SIMPLE STEPS

1. *HYDRO-LOK* should be applied using low-pressure trigger spray bottle
2. Saturate surface with as much *HYDRO-LOK* it can absorb without dripping.
3. Avoid application in windy weather.
4. A second coat can be applied after one hour.
5. *HYDRO-LOK* can be re-applied at any time for added performance and water protection

## TECHNICAL DATA

Material Type	Fluoropolymer dispersion
Color of Material	Milky White
Odor	Slight Ammonia Odor
V.O.C.	7 gm/L V.O.C. Compliant
Flash Point	Non-Flammable
pH Value	Approximately 6.5
Viscosity	10.6 Seconds No. 4 Ford Cup
Weight	Approximately 9.0 lbs./gal.
Surface Dry/Recoat	Approx. 30 minutes
Full Chemical Cure	2 hours

## SATISFACTION GUARANTEE

Rainguard backs Hydro-Lok with an unconditional satisfaction guarantee. If unsatisfied, provide proof of purchase and application details to Rainguard for refund or replacement. Refund of purchase price or replacement of product used are only options covered by this guarantee.