



A Subsidiary of Garland Industries

HydroLoc™ WS

DESCRIPTION

HydroLoc™ WS is a ready-to-use, non-solvent silicone based water repellent for concrete, GFRC, and most masonry and stucco Surfaces. HydroLoc WS helps masonry resist cracking, staining, spalling and other types of damage from water intrusion. HydroLoc WS will not impair the breathing capabilities of the treated surface. HydroLoc WS has virtually no odor, and is alkaline stable.

PREPARATION

Thoroughly clean the surface using the appropriate cleaning product. Clean newly constructed surfaces before application. HydroLoc WS will not impair the adhesion of most sealing and caulking compounds. Always test for the compatibility. Protect vehicles, property, plants, windows and all non masonry surfaces from splash, residue, fumes and wind drift.

HydroLoc WS can be applied to slightly damp surfaces, however, best performance is achieved on clean, visibly dry and absorbent surfaces. Excessive moisture inhibits penetration, reducing the effective life and performance.

Use Masking tape to protect windows from overspray. Do not use in windy conditions. If HydroLoc WS gets on windows, use soap and warm water to clean windows after the HydroLoc WS has dried.

Do not use HydroLoc WS if the temperature is below 40°F (4.4° C) or above 95°F (35° C).

APPLICATION

Always test each type of surface in an inconspicuous place to determine suitability. Do Not Dilute HydroLoc WS.

Vertical Applications - Either use a Sprayer, Brush or Roller and saturate from the bottom up. Apply liberally and let soak in for 10 minutes. Brush out heavy runs and drips that don't penetrate. Re-saturate a second time, less HydroLoc WS will be needed for the second application.

Horizontal Applications - Saturate in a single application. Use enough to keep the surface wet for 2-3 minutes before penetration. Broom out puddles until they soak in.

Paint Adhesion - Paint may not stick to treated surfaces. Adhesion can be improved by pressure washing treated surfaces. Some cementitious coatings, plaster, stucco, etc., may not adhere well to treated surfaces. Install them first and let them thoroughly cure before applying HydroLoc WS.

CLEAN UP

Clean up tools with warm soapy water.

CAUTIONS

May cause eye and skin irritation. For use by professional applicators only. Keep out of reach of children.

COVERAGE

HydroLoc WS is recommended for these substrates

Substrate	Type	Coverage
Concrete	Brick	150-200 sq. ft.
	Tile	
	Precast Panels	
	Cast-in-place Pavers	
Fired Clay	Tile	100-175 sq. ft.
	Brick	
	Pavers Terra Cotta	
Sandstone	Unpolished	75-125 sq. ft.



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TECHNICAL DATA

Physical Properties	Test Method	Value
Appearance		milky, white
Active Content	(wt %)	8%
Density at 75° F (23.8° C)	(g/cm ³)	0.995
pH, Approximate		7.5
Flash Point		>212° F (>100° C)
Freeze Point		32° F (0° C)

Performance Properties	Test Method	Value
Water Penetration	ASTM E 514	98%
Reduction of Water Absorption	ASTM C 140	90%
Surface Discoloration		None
Penetration (Depending on surface)		1-10 mm
Resistance to Sunlight		Excellent
Resistance to Alkalinity		Excellent
Surface Appearance		No Change

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