

HygraSeal-90™ DATA SHEET

HygraSeal-90™ is an easy to apply, single-component, water-base polyurethane co-polymer, specifically developed as a concrete sealer and water-proofing agent.

HygraSeal-90™ may be used for sealing concrete, cinder block, brick, natural stone and other porous masonry surfaces, to prevent seepage of moisture, water and brine (salt water).

HygraSeal-90™ is extremely resistant to water seepage through masonry, by penetrating and sealing the pores which draw moisture through concrete, cinder block, brick, stone, etc.

HygraSeal-90™ is non-flammable, and exhibits very good resistance to dilute acids and alkali; synthetic, crude and refined petro-oils: detergents and liquid foodstuffs; impact and abrasion, etc.

Coverage

One gallon of **HygraSeal-90™** covers an area of approximately 300 ft² on the primary coat. Subsequent coats will cover @ 600 ft²/gallon.

Surface Preparation

HygraSeal-90™ must be applied to a clean, dry surface (no paint, oil, rust, grease, dust or any contaminants). A water-rinse is recommended to remove dust, then let completely air dry. Maximum performance is dependent on the porosity and the moisture content of the surface.

Application

The surface must be absolutely dry for maximum penetration and effectiveness. A string mop or other suitable applicator can be used with **HygraSeal-90™**. Two coats are recommended. Allow one hour drying time between applications.

Clean-up

Tools may be cleaned with plain water and light detergent.

Packaging

HygraSeal-90™ is packaged in 1-gallon cans, four each 1-gallon cases, 5-gallon pails and 55-gallon drums.

Chemical Resistance

(24-hour immersion at 77°F)

<u>Reagent</u>	<u>Result</u>
10% Sodium Chloride (NaCl) . . .	No softening or staining.
10% Sulfuric Acid (H ₂ SO ₄) . . .	No softening or staining.
10% Acetic Acid (CH ₃ COO ₈) . . .	No softening or staining.
Alcohols & Glycols	No softening or staining.
Crude & Refined Petro-Oils . . .	No softening or staining.
Detergents	No softening or staining.
Liquid Foodstuffs	No softening or staining.

Physical Properties

Appearance	Cream-colored Liquid
Solids Content	18%
pH	8.0
Specific Gravity	1.0
Boiling Point	212°F
Flash Point	None
Taber Abrasion	CS-17 wheel/500-grams Loss: 5-mg per 300 cycles.

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