



**Manufactured to Last®**



**PRODUCT DESCRIPTION:**

**PH PRIME™** is an epoxy-acrylic HIGH PH, high performance surface conditioner and chalk sealer that is designed to provide a firm surface for application of latex paints and coatings. It seals high pH (pH of 13 or less) cementitious surfaces. It eliminates that 28-day curing period for fresh cementitious surfaces. This single component, fully crosslinked emulsion polymer product, provides many of the attributes of more expensive polyurethane and epoxy products. This is a low V.O.C. waterborne formulation of new technology that gives the convenience of water clean up while surpassing the durability and performance of solvent based products. It has excellent penetration on porous surfaces and superior adhesion on non-porous or compatible previously coated surfaces. It binds, chalky, powdery, or porous surfaces, especially badly weathered cement, or stucco. **PH PRIME™** has excellent efflorescence and alkali resistance.

**PH PRIME™** penetrates the existing surface, bonding the previous coating back together, leaving a chalk free, moisture resistant surface that can be recoated in 4 hours under normal drying conditions.

**PH PRIME™** provides ease of application, quick drying time, and allows all top coatings to form a permanent bond for a long life without tear or peeling due to poor substrate adhesion.

**PRODUCT BENEFITS:**

- FADE RESISTANCE WARRANTY
- Labor & Material warranty
- UV Reflective
- ECO Friendly
- AAMA Waterproofing Testing

- Long Term Superior Performance
- Ceramic Technology
- IR-Energy Tech Pigments
- Reduce Heat Transfer

**PRODUCT USES:**

PH PRIME is suitable for previously coated surfaces that are chalky. PH PRIME will penetrate and lock moderate chalky surfaces in place leaving a substrate ready to accept the INSUL-SHIELD finish paint systems.

**SURFACES PREPARATION:**

For proper adhesion and penetration, it is essential that the surface is prepared properly. The surface must be pressure washed with at least 3,000 P.S.I. to remove all loose dirt, mold, and excessive chalking. Allow the surface to dry completely before applying **PH PRIME™**. The surface must be dry and free from all wax, grease, oil, dirt, loose or flaking material and deposits

**APPLICATION PROCEDURE:**

Stir contents thoroughly. Do not think this product, use as is from the container. Apply either by roller, brush, or airless sprayer. Apply at temperatures about 45 degrees Fahrenheit. Wait 24 hours before applying to hot or high pH cementitious surfaces. Apply uniformly and do not leave build ups. Be sure to completely seal the surface by overlapping into wet areas.

**Clean Up:** Clean up all spills, tools, and overspray immediately while the coating is still wet with warm soapy water.

Ambient Temperature of 77° and RH of 50%		<b>TECHNICAL SPECIFICATIONS:</b> Rates & Times May Vary Beyond Specifications	
FINISH: Flat		SPREAD RATE: 300 to 400 sq.ft./gal.	
COLOR: White, Clear		DRY to TOUCH: 2-4 Hours	
VEHICLE TYPE: Copolymer Emulsion		RECOAT: 4 Hours	
SOLIDS by WEIGHT: 15% +/- 2%		CURE TIME: 5 to 7 Days	
SOLIDS by VOLUME: 8% +/- 2%		SIZES: 1 Gal., 5 Gal., 55 Gal.	
V.O.C.'s (averages): .38 lbs./gal. • 45.0 g/liter		GALLON WEIGHT: 8.9 lbs. +/- .3lbs.	

Information presented on this Data Sheet has been compiled from sources to be reliable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. In Any Event Insulpro Paints will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.

**INSUL-SHIELD®**

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Product Identification	Product Name: <b>INSUL-SHIELD PH PRIME™</b> General Usage: Clear Acrylic Latex Surface Conditioner & High PH Primer General Description: Non-Pigmented Latex Coating C.A.S. Number: None Established, Mixture	
Manufacturer Information	Manufacturer's Name: InsulPro Paints Inc. Address: 10300 W. Charleston Blvd., Suite 13-174 Las Vegas, Nevada 89135	
Chemical and Physical Properties	Color: Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1) >1 Vapor Presence: about the same as H <sub>2</sub> O Percent Volatile 86-91% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H <sub>2</sub> O: Soluble pH (undiluted): 7.5 to 8 Vapor Density (Air:1): <1
Fire Protection Information	Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn N/A Recommended Extinguishing Media: N/A Flammable Limits: N/A	
Storage And Reactivity	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
Transportation	Hazard Classes: None: Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class55; Water Based paint	
Container Labeling	Explantaion of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes: Ingestion:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if significant amounts have been Swallowed. Give patient large amounts of water of milk for dilution.
	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill Neutralizing Chemical/Media: N/A	Collect liquid or solidity with absorbent package for disposal
Treatability	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
Labeling	Explanation of Unique Labeling System: None Used	
Recommended Waste Disposal	Dispose of in accordance with Federal, State and Local guidelines.	